1634 1903

REPORT

— OF THE —

TOWN OFFICERS

— OF —

IPSWICH, MASS.,

FOR THE YEAR ENDING DECEMBER 31, 1902

— AND THE —

TWO HUNDRED AND SIXTY-NINTH YEAR OF THE TOWN'S INCORPORATION.

Ipswich, Mass.:
The Chronicle Motor Print.
1903.

TOWN OFFICERS. 1902.

TOWN CLERK.

Chas. W. Bamford.

SELECTMEN.

Geo. A. Schofield, Chairman.

Chas. E. Goodhue, Chas. G. Hull.

ASSESSORS.

Geo. A. Schofield. Chairman.

Daniel S. Appleton, Chas. E. Goodhue.

OVERSEERS OF THE POOR.

Geo. A. Schofield, Chairman.

Chas. S. Cummings, Daniel S. Appleton.

TREASURER AND COLLECTOR.

Chas. W. Bamford.

SCHOOL COMMITTEE.

Geo. W. Tozer, Chairman,	Term	expires	1903
Chas. S. Cummings,	"	"	1903
Chas. W. Bamford,	"	"	1904
Chas. G. Hull,	"	"	1904
John H. Cogswell, Secretary,	"	"	1905
Harriet E. Noyes,	"	"	1905

REGISTRARS OF VOTERS.

J. Farley Kinsman, Chairman, Chas. W. Bamford.

Chas. H. Glasier, Lymam H. Daniels.

AUDITOR.

Henry F. Dunnels.

CONSTABLES.

Chas. T. Littlefield, Frank C. Hull,

*John W. Patterson, W. B. Atkinson,

WATER COMMISSIONERS.

Aug. H. Plouff, Chairman.

Chas. W. Brown, Wm. H. Rand.

Cemetery Commissioners.

Philip E. Clarke, Sam'l N. Baker, ‖ Erastus Clark.

Board of Health.

James Griffing, Chairman.

Levi W. Mallard, Geo. W. Smith.

*DIED AUGUST 28, 1902. ‖DIED OCTOBER 24, 1902.

ASSESSORS' REPORT.

FOR THE YEAR ENDING DECEMBER 31, 1902.

APPROPRIATIONS.

For High and Common schools	$13500 00
Highways	6000 00
Edgestones and concrete	1125 00
Current expenses	3000 00
Street lamps	1500 00
Fees and salaries	4500 00
Fire department	1900 00
Poor account	2500 00
Farm account	1500 00
Note, Green street bridge	500 00
Note, Gould's bridge	500 00
Note, Argilla road	300 00
Notes, Winthrop schoolhouse	1100 00
Notes, Rowley road	500 00
Sinking fund, (Water account)	2446 22
Hydrant service	1651 00
Memorial day	150 00
Interest on town notes	1200 00
Discount	575 00
Abatements	500 00
Care of Cemeteries	1300 00
Care of commons	350 00
Small Pox cases	500 00
Heard's wharf	100 00
Land damage, New street	125 00
Gould's bridge	200 00
Town Records	100 00
Paradise road	100 00
Tree Warden	600 00
Historical Society	200 00
Total appropriations	$48,522 22

Total appropriation	$48522 22	
State Tax	1650 00	
County Tax	3026 15	
Court Verdict, Kenney case	1520 00	
Total to raise	$54718 37	
Less receipts (estimated)	13995 81	
Total assessed		$40,722 56
Divided as follows:		
Amount raised on polls	2348 00	
" " " personal property . .	8845 37	
" " " real estate	29529 19	
Total		$40,722 56

Number of Poles 1174.

Tax on Poll, $2.00.

Rate of Taxation, $11.00 per thousand.

	1901	1902
Valuation on Personal Estate,	$769811 67	$804124 00
" Real "	2597235 83	2684471 00
" Total	$3367047 50	3488595 00

Total number of persons assessed 1831.

Number assessed on property 1204.

Number assessed on poll tax only 627.

Valuation of buildings	$1872028 00
" land	812443 00
" personal property	804124 00

Number of horses and jacks	assessed	698
" cows	"	671
" neat cattle other than cows	"	214
" sheep	"	10
" swine	"	424
" fowl	"	7399
" dwelling houses	"	1029
" acres of land	"	16437

The appropriation for abatements was $500. and the abatement allowed on the taxes for this year amounted to $348.98. There were also abatements of $105.46 allowed on 1901 taxes. The tax rate was reduced from $12.00 to $11.00 this year.

A comparison of the valuation figures of this year with those of last year, shows that the valuation has increased.

Total valuation, 1901	$3,367,047 50
" " 1902	3,488,595 00

The increase is $121,547.50 and was made up as follows:

Increase on real estate	$87,235 17
" personal property	34,312 33
	$121,547 50

This increase at a rate of $11.00 on $1000 would give only $1337.02 additional tax. A comparison of this year's appropriation figures with last, will show that the appropriations are larger this year, and in addition to that there was a final verdict of $1520.00 against the town in the Kenney case, which the assessors were compelled by law to add to the appropriations. This meant that the total to be raised was larger this year than last.

The assessors decided, however, that owing to the very fine showing made last year, that they could safely make a reduction in the tax rate, and accordingly fixed the rate at $11.00 on $1000. which is a reduction of $1.00 from last year, and a reduction of $4.00 since the present board of assessors were elected five years ago.

We wish to again call the attention of those who own stock in Massachusetts corporations and in National Banks, to the importance of their giving to the assessors that information. They should understand that the state taxes those shares, and the owner cannot escape taxation. The only difference it makes, is that if it is known that Ipswich is the legal residence of the parties, the state pays the tax to Ipswich, otherwise it goes elsewhere. It does not add one cent to the tax of the owner of the stock, but it might add a good many dollars to the Town of Ipswich. Last year, the asssessors secured over $3000 for the Town

Treasury by putting in work on the Corporation lists, and finding names there credited to other Towns or Cities which belonged in Ipswich. This year the $3000 gained last year comes to us, and in addition to that we have secured over $1000 more. While Ipswich has made excellent gains in new property for the past five years, we have also been increasing our appropriations, and to many it has not been quite clear how the assessors have been able to drop the rate without increasing valuations. The real reason is that we have paid close attention to the corporation taxes, and have tried in every way to make sure that Ipswich receives all that belongs to her. We ask your co-operation along those lines. If you have stock, or know others who have, give us their names.

It is quite probable that had it not been for the verdict in the Kenney case, and the additional expense brought about by the Small Pox cases, that we might have dropped the rate from $12. to $10., but owing to the circumstances we dropped it to $11.00. We believe that Ipswich is to be congratulated on having so low a rate. There are very few Towns of our size in Massachusetts where the valuations are kept down as they are in Ipswich, where the rate is lower, or as low, as it is in Ipswich.

Respectfully submitted,

Geo. A. Schofield,
Daniel S. Appleton,
Chas. E. Goodhue,
} Assessors of Ipswich.

Ipswich, Jan. 1, 1903.

REPORT OF THE BOARD OF HEALTH.

Whole number of cases of Contagious and Infectious diseases reported to the Board of Health, for the year ending Dec. 31st., 1902, was 34, being an increase of 3 cases over the year 1901. Of these, 9 cases were of Diphtheria, 5 cases of Scarlet Fever, 11 cases of Typhoid Fever, 7 cases of Measles and 2 cases of Small Pox. Deaths due and resulting from same were, 1 from Diphtheria, and 1 from Small Pox.

Early in the month of March Small Pox made its appearance in town and the Board at once took summary measures to prevent an epidemic of this disease in our midst. A hospital was established and trained nurses placed in attendance and general vaccination was ordered. The school committee also took the matter of vaccination in hand and ordered a compulsory vaccination of all scholars attending the public schools, and by the prompt action of both boards, and the hearty co-operation of the citizens, we were able to check the disease at the outset and only two cases occurred, and by our strict quarantine there was no further spread of the disease after these cases came under our care.

The general health of the town has been exceptionally good during the year and no serious epidemics of Contagious diseases have occurred. The sanitary condition of the town your board considers generally satisfactory, complaints of nuisances being very few.

In closing our report we would call the attention of present and prospective owners of pigs to Regulation No. 17 which is that no swine be kept in the thickly settled part of the town without a license from the Board of Health.

Respectfully submitted,

James Griffing, Geo. W. Smith, Levi W. Mallard, } Board of Health.

Ipswich, Jan. 12, 1903.

REPORT OF THE BOARD OF ENGINEERS'.

To the Selectmen of Ipswich:

Gentlemen:

Following is the report of the Board of Engineers of the Fire Department for the year ending Dec. 31, 1902.

Number of alarms	7
Property damaged by fire	$1502 10
Insurance on same	3500 00
Insurance paid	1452 10
Number men in the department	67
Value of fire department equipment . . .	$7000 00
Value of buildings occupied by the dept.	3000 00
Value of fire alarm equipments	1600 00
Number of feet of good hose	3500
Number of feet of poor hose	1000
Number ft. hose laid at fires during 1902	2000

We recommend the purchase of 500 feet of new hose. We recommend a Central Fire Station suitable for Fire Department.

We recommend $1800.00 be raised and appropriated to run the Fire Department for the ensuing year.

A. J. Barton,
R. R. Glasier, } Engineers.
T. R. Lord,

TOWN CLERK'S REPORT.

To the Selectmen of Ipswich:

I submit the following report:

Births 92; Males 48; Females 44.

Fathers born in Ipswich	19
" " Massachusetts	16
" " United States	6
" " British Provinces	36
" " England	4
" " Ireland	3
" " Scotland	1
" " Poland	5
" " Greece	1
" " Unknown	1
Total	92

Mothers born in Ipswich	10
" " Massachusetts	26
" " United States	6
" " British Provinces	36
" " England	2
" " Ireland	4
" " Poland	5
" " Greece	1
" " Italy	1
" " Unknown	1
Total	92

Marriages by months: Jan., 10; Feb'y, 6; March, 7; April, 9; May, 5; June, 6: July, 11; August, 5; Sept., 15; Oct., 5; Nov., 5; Dec., 8; Total 92.

MARRIAGES.

Grooms born in Ipswich	20
" " Mass	23
" " U. S.	10
" " B. P.	12
" " England	2
" " Scotland	1
" " France	1
" " Poland	3
" " Russia	1
" " Norway	1
Total	74

Brides born in Ipswich	12
" " Mass	22
" " U. S.	8
" " B. P.	22
" " England	3
" " Ireland	1
" " Poland	3
" " Austria	1
" " Norway	1
" " Russia	1
Total	74

Marriages by months: Jan. 10; Feb'y, 4; March, 1; April, 4; May, 7; June, 9; July, 3; Aug., 12; Sept., 7; Oct., 8; Nov., 7; Dec., 2.—Total 74.

Deaths recorded in Ipswich, 1902: Males 41; Female 43; Total 84.

Died in Ipswich	74	Born in Ipswich	32
Died in other places	10	Boru in U. S.	22
		Born in Foreign Countries	30
Total	84	Total	84

Fathers	born	in Ipswich,	12	Mothers	born	in Ipswich,	13
"	"	Mass.	39	"	"	Mass.	23
"	"	U. S.	5	"	"	U. S.	11
"	"	Brit. Prov	20	"	"	Brit. Prov.	21
"	"	Ireland	3	"	"	Ireland	6
"	"	England	2	"	"	England,	3
"	"	Scotland	1	"	"	Scotland	1
"	"	Poland	2	"	"	Poland	2
				"	"	Unknown	4

Licenses issued: Liquor, 1st class, ...	4
" " " 4th class, ...	4
" " " 6th class, ...	4
Billiard and Pool License, ...	3
Licensed Victuallers, ...	6
Auctioneers License, ...	2
Junk and second-hand articles, ...	2
Standard Oil Co, to keep for sale oils, etc., ...	1
Whole number of dogs licensed, ...	198
Male Dogs, 180,	
Female Dogs, 18, Total,	198

In regard to the deaths I would state that I was called upon by the Secretary of the Commonwealth soon after the close of the year 1902 to send in advance of my other returns the returns of deaths for that year as the U. S. Census Supt. was desirous of obtaining the whole number of deaths in Mass. for that year. Supposing I had them all, I forwarded as requested. Since then I have received several returns which do not figure on the return sent to the Sec., they appear on my annual report as part of the vital statistics of the town for the year 1902.

Respectfully,

Charles W. Bamford,

Town Clerk.

HIGHWAYS AND BRIDGES.

DISTRICT NO. 1.

Arthur W. Conant, Surveyor.

SNOW ACCOUNT.

Paid for Shovelling, etc.

Arthur W Conant	$ 131 85
T B Fall & Son	43 55
V E Rust, jr	4 20
O P Grant	1 00
C L Rust	3 00
Harold Poor	3 00
Alonzo Butler	6 10
Wm L Stone, jr	17 50
Elmer Andrews	6 20
T R Lord	21 35
Ebin Lord	15 90
Wm H Bodwell	1 40
Levi L Howe	8 00
Arthur Tufts	4 40
Frank Fletcher	1 40
L G Parsons	6 00
Chas W Collins	3 80
A H Walton	5 50
Chester Patch	3 00
J A Nason	3 40
Epes Norwood	9 80

A P Howe	8 00
J W Goodwin	5 60
Michael Laffy	14 10
Newell Boucher	3 00
Chester Caverly	1 60
Timothy Barrett	2 60
Wm Burnham	8 20
Frank Jewett	1 60
H O Jewett	1 80
Thos Boylan	2 00
Everett Damon	1 30
Wm Goditt	1 00
Chas McIntire	1 80
John Dodge	1 80
Frank Ellsworth	6 40
Jere Sullivan	34 30
Harry Bowen	1 40
Frank Barton	7 00
Henry Churchill	2 00
Leander Jewett	4 50
Robert Spencer	34 85
Wm B Richards	3 55
Herbert Witham	13 40
Robert Gove	11 60
Harry Girard	15 00
Austin White	2 60
Michael Carey	9 60
Wm Ewing	3 40
Fred Russell	1 50
Nath'l Rust	7 90
Wm Clark	9 80
Patrick Dougherty	4 40
Aug Hodgkins	4 00
Silas Crooker	7 60
Simon McInnis	1 80
James Hull	9 60
Jesse Surrett	2 60

John H Foss	2 30
James McLaughlin	10 50
Agawam stables	75 20
Elmer Andrews	3 20
A Montgomery	8 50
John Harris	5 40
Munroe Lord	3 50
Levi Howe	1 20
Greenleaf Pickard	21 20
Byron Parshley	3 20
Edw Bodwell	5 40
Samuel Parsons	5 20
L Albert Lord	19 20
Wm Clark	1 40
F T Goodhue	1 40
L M Blaisdell	1 40
Geo Harris	4 50
Smith Hayes	50
Clarence Hatch	3 50
Edw Wells	1 70
F H Jewett	2 60
Walter Brown	80
Dan'l Sheeham	1 20
Arthur Malonson	1 00
Thos R Roberts	2 00
Clayton M Jewett	1 80
Fred Carter	3 50
Albert Brown	7 40
Chas Jewett	4 00
Stephen R Harris	5 90
Raymond Lord	3 20
Geo Hills	4 10
Luke Murray	80
James Scott	8 00
James B Scott	50
Jere Davison	1 50
Herbert Witham	12 90

Chas Wait	4 40	
Chas Baker	3 00	
Samuel White	80	
G H W Hayes	1 00	
Geo H Lord	80	
Roy Brocklebank	80	
Geo Player	1 20	
Oscar Pickard	7 60	
Frank Bodwell	1 20	
Chas Rogers	2 60	
Chas Dorr	90	
John Rollins	1 60	
Wm P Ross	1 60	
John Jedrey	1 60	
Geo Jedrey	1 60	
Leon Bernaiche	1 60	
Edward S Cogswell	2 80	
Chas Graffum	1 40	
Levi Girard	16 25	
W H Jewett	1 40	
A S Hills	5 00	
David Low	4 40	
Chas Gwinn	9 60	
Thos Boucher	1 60	
Michael Judge	9 60	
Edmund Ready	7 60	
D L Willcomb	2 25	
Maynard Russell	2 90	
John Peatfield	1 80	
G H Brocklebank	4 60	
Albert Fairfield	3 00	
J F Howard	1 80	
Walter Bray	1 60	
		$903 05

DISTRICT NO. 2.

Wm. P. Ross, Surveyor.

Paid for Shovelling, etc.

Wm P Ross	$42 85
C A Dorr	24 10
James Dolan	14 90
Arthur Andrews	4 60
Elmer Smith	3 60
Wm L Stone, jr	14 90
N T Lowe	58 65
Walter P Ross	22 25
Chas W Smith	7 70
Edw Spiiler	5 20
Elmer Andrews	8 50
Ward Kenney	6 50
A A Searls	3 40
Irving Brown	4 60
Farley Lord	9 30
Ned M Jewett	4 80
Clarence Leet	5 00
Wm Kent	2 20
Harold Poor	8 20
Stephen Caswell	4 00
Edw Kent	3 20
Harry Wilkinson	1 20
Alonzo Brown	4 80
J F Claxton	3 80
Albert Fairfield	2 20
Samuel Bailey	3 00
Silas Crooker	6 60
Raymond Dodge	60
Sam'l Kilborn	2 40
Fred Rust	40
Albert G Brown	6 60

Wm H Ready	20	
Robert Spencer	80	
John G Rollins	3 70	
John Dorr	9 30	
Chas H Rollins	3 05	
Roy Brocklebank	40	
Geo A Hodgdon	9 50	
Epps Norwood	5 00	
T B Fall & Son	12 50	
F A Carter	15 00	
Geo H Brocklebank	30	
Jere Brocklebank	5 80	
James Scott	7 40	
D Hodgkins	4 40	
Geo V Millett	1 50	
		$369 50

DISTRICT NO. 3.

A. W. Brown, Surveyor.

Paid for Shovelling, etc.

A W Brown	$48 20
W W Wait	9 30
John Morehouse	8 80
E A Hall	12 70
D B Hinkley	10 60
Robert Gove	4 40
Alfred Norman	17 80
C B Eastman	10 10
Isaac Foss	11 40
O A Littlefield	11 80
Frank Barton	2 20

V E Rust, jr	2 20	
Wm H Burnham	2 00	
Oliver Grant	2 20	
Chas Small	2 00	
V H Grant	8 80	
Daniel Carr	3 00	
Asa Littlefield	1 40	
Jackson Mullens	4 00	
Albert Willard	1 00	
Wm Newman	5 60	
John Gallagher	3 40	
Napoleon Duval	7 60	
Ralph Young	1 80	
Wm Soar	4 20	
Hiram Parlee	3 40	
Frank A Comeau	6 40	
A W Montgomery	3 60	
Wm E Barton	1 80	
C Rust	1 60	
John Harris	4 00	
Leander Jewett	1 50	
J A Morey	8 05	
Aug Kinsman	63 20	
Isaac Foss	7 00	
Walter Gould	28 40	
F T Goodhue	35	
Jacob Safford	75	
Wm E Goodhue	2 40	
Frank Fewkes	6 20	
James B Scott	1 00	
Jos Claxton	2 00	
Isaac Bridges	1 00	
Rawson Adams	1 50	
Albert S Brown	10	
		$340 75

DISTRICT NO. 4.

John Galbraith, Surveyor.

Paid for Shovelling, etc.

John Galbraith	$15 55	
J Howard Burnham	1 80	
Joseph Comeau	1 80	
Geo Smith	80	
Ambrose Young	2 00	
Alden Story	13 40	
J F Kinsman	11 60	
Horace Brown	3 30	
Medley Parlee	1 60	
Guy Homans	1 65	
		$53 50

DISTRICT NO. 5.

Rees Jenkins, Surveyor.

Paid for Shovelling, etc.

Geo L Woodbury	$14 70	
J B Brown	$27 70	
E K Brown	12 00	
Geo E Smith	10 40	
J B Caverley	8 00	
Geo Adams	2 20	
A P Burnham	7 50	
H H Story	6 80	
		$89 30

DISTRICT NO. 6.

Wm. G. Horton, Surveyor.

Paid for Shovelling, etc.

Wm G Horton	$99 50
T M Norman	62 50

W F Kinsman	12 80	
John Goodwin	16 40	
N W Fellows	5 80	
T McCarthy	4 00	
Michael Young	10 60	
James Young	1 80	
Elliott Appleton	1 80	
James Keegan	1 80	
John Gallagher	1 60	
Sam'l Gordon	53 15	
Wm Wallace	20	
Samuel C Gordon	9 75	
John Cummings	9 00	
Medley Parlee	2 80	
E Parlee	4 20	
John Earley	3 20	
W T Tarr	10 80	
J F Conklin	5 70	
David Low	1 20	
Ambrose Young	26 10	
A B Fellows	5 30	
Chester Caverly	60	
A S Brown	2 00	
John Cameron	1 50	
		$354 10

DISTRICT NO. 7.

E. N. Brown, Surveyor.

Paid for Shovelling, etc.

E N Brown	$35 95	
A Story Brown	41 00	
E B Moulton	32 90	
Fred G. Cross	30 50	
B R Horton	18 65	
Geo A Whipple	1 20	
Worthington Mansfield	3 75	
Chas G Brown	4 60	
		$168 55

DISTRICT NO. 8.

J. M. Fall, Surveyor.

Paid for Shovelling, etc.

J M Fall	$9 60	
Michael Young	8 20	
James Young	4 60	
James Keagan	4 60	
John J Goodwin	8 60	
Roderick Cummings	1 80	
Elliott Appleton	10 00	
Harry Wall	80	
Albert Elwell	5 60	
Ambrose Young	4 40	
John Cummings	3 60	
John H Brown	10 80	
Chester Caverly	1 80	
		$74 40

DISTRICT NO. 9.

M. Whittier, Surveyor.

Paid for Shovelling, etc.

M Whittier	$154 25
O C Smith	80
John Collins	8 00
David Lowe	13 40
Asa Brown	5 60
Wm Tarr	15 70
Geo Waters	60
Henry Homans	5 00
Edgar Whittier	1 95
Fred Brown	4 20
Thos Boylan	1 80
James Morey	2 80

H O Whittier	15 30	
A S Brown	41 70	
Edmund Ready	2 00	
Wm B Sturgis	2 00	
H E Sturgis	60	
		$275 70

DISTRICT NO. 10.

W. F. Warner, Surveyor.

Paid for Shovelling, etc.

W F Warner	$44 60	
Austin Morse	5 00	
Eben Hurlburt	12 75	
Arthur Senior	1 00	
Harry Purinton	1 00	
Walter Fessenden	60	
John J Andrews, jr	5 70	
Wm Goodhue	90	
John C Gerry	10 40	
Joseph Quill	2 40	
W B Andrews	2 20	
Chas Rogers	1 90	
James King	2 00	
Thos Boylan	9 60	
Clifford Boylan	5 10	
John F Tucker	1 00	
John M Purinton	1 00	
Peter Quill	8 00	
Chas Fessenden	3 40	
Ernest Morse	3 60	
Leverett Eaton	3 40	
Seth Senior	7 60	
Joseph Martell	90	
		$134 05

DISTRICT NO. 11.

T. R. Lord, Surveyor.

Paid for Shovelling, etc.

T R Lord	$26 20
John Earlie	5 20
Ernest Rutherford	5 20
Charles Hanley	3 20
John H. Baker	5 80
Howard N. Jewett	1 60
Mack Hanley	1 00
Dexter McIntire	2 40
Daniel G. Chapman	1 00
Spencer Gwinn	2 90
Enoch Bailey	40
Eben Lord	11 90
James Sheppard	16 05
Harry Sheppard	3 00
Alexander McPhee	3 60
James W. Burns	8 40
George Sias	1 80
Fred Sheppard	5 60
John McPhee	1 00
Arthur Hiller	60
Wm A Burnham	2 40
Oscar Pickard	7 20
F W Burnham	3 40
John H Foss	6 30
Chas Rogers	4 20
L G Parsons	1 50
O F Thompson	4 30
T A Howe	70
Horace Ellsworth	60
J F Akerman	1 40
W K Chapman	80
Frank Scotton	1 00
John Reardon	1 20

Thos Marriott	2 00	
N R Underhill	1 00	
Geo Gwinn	40	
James McLaughlin	1 30	
		$144 55

DISTRICT NO. 12.

J. C. Conant, Surveyor.

Paid for Shovelling, etc.

J C Conant	7 90	
Cyrus Conant	1 80	
Chas W Canney	2 20	
L J Wood	8 30	
C E Simonds	2 10	
W O Conant	17 05	
Byron Pratt	1 20	
Justin Creamer	1 20	
John S Spiller	3 65	
Wm H Conant	2 20	
A H Rutherford	1 20	
		$48 80

DISTRICT NO. 13.

James B. Kinnear, Surveyor.

Paid for Shovelling, etc.

James B Kinnear	$20 29	
Robert Kinnear	4 70	
Sidney Perley	14 35	
Herbert Conant	1 30	
Lyman Perley	1 20	
Lewis Stone	5 70	
Henry Stone	2 00	
Justin Creamer	7 10	
Chas Guilford	2 40	
		$59 04

DISTRICT NO. 14.

Chas. M. Perley, Surveyor.

Paid for Shovelling, etc.

Chas M Perley	$17 20	
Clarence Howe	13 50	
Harry Welch	2 10	
O M Hills	3 15	
A G Lauer	1 00	
Walter Farnum	90	
L H Perley	90	
		$38 75

DISTRICT NO. 15.

Walter G. Brown, Surveyor.

Paid for Shovelling, etc.

Walter G Brown	$27 50
Chas Jewett	24 45
Robert Harris	3 40
Jos Leno	13 10
C E Brown	39 45
A S Ricker	70
Elija Merrill	3 60
Ernest Jewett	6 10
John B Mitchell	8 30
Moses Saunders	1 50
Albert Dupray	1 20
H E Garrett	4 00
Edw Ready	4 00
Fred Newton	4 90
Arthur Hicks	1 25
James Ready	7 30
John Davis	50

Thos Barney	5 20	
Joseph Dube	1 40	
John Powers	1 50	
Thos Burns	1 20	
Geo Lowe	5 60	
Frank Bean	12 00	
John A Brown	4 50	
Cleophas St Cyr	2 00	
Melvin Andrews	2 80	
Moses Grimes	12 50	
Geo Hills	4 60	
F O Thompson	3 10	
Thos Ready	6 60	
Wesley Copp	2 40	
E C Lord	9 40	
W H Ready	20	
Wm Bodwell	7 30	
Wm Dresser	5 10	
Ned Jewett	1 30	
I K Morrison	60	
Wm E Garrette	8 30	
Chas Davis	4 80	
Chester Ricker	6 90	
Frank Hicks	1 50	
Frank Bodwell	6 40	
Robert Turner	1 00	
John H Baker	1 20	
Edw Dole	6 30	
		$276 95

DISTRICT NO. 16.

John Donovan, Surveyor.

Paid for Shovelling, etc.

John Donovan	$5 20	
Chas Guilford	1 60	
Hallett Pickard	1 20	
Lyman Haggerty	1 00	
Harry Dillingham	1 00	
John Saunders	85	
D S Appleton	8 50	
James Dillon	1 00	
Albert Norwood	1 20	
John A Brown	4 50	
Asa Sargent	2 30	
Thos Donohue	3 00	
Chas Bailey	40	
		$31 75

SUMMARY OF SNOW BILLS, 1902.

District No 1	$903 05
" 2	369 50
" 3	340 75
" 4	53 50
" 5	89 30
" 6	354 10
" 7	168 55
" 8	74 40
" 9	275 70
" 10	134 05
" 11	144 55
" 12	48 80
" 13	59 04
" 14	38 75
" 15	276 95
" 16	31 75
Total	$3362 74

HIGHWAYS AND BRIDGES.

DISTRICT ROAD REPAIRS.

DISTRICT NO. 1.

Arthur W. Conant, Surveyor.

Paid for Labor, Gravel, etc.

A W Conant	$350 00
Jacob Safford	10 40
J B Scott	4 60
Ernest Carter	34 90
Fred Carter	15 00
Geo M Lord	4 00
Albert Lord	10 00
Jere Sullivan	7 00
Geo Brocklebank	3 50
Silas Crooker	14 60
John Davis	8 75
Chas Davis	3 20
Samuel Parsons	7 30
Agawam Stables	20 50
Hiram Parlee	4 00
Chas McIntire	9 80
Robert Gove	7 80
J F Perkins	60
Wm Barton	1 40
Lemuel Parsons	7 60
Chas H Baker	1 80
A S Brown	81 20
Levi Howe	20 80

James McLaughlin	8 80	
G Pickard	3 20	
John Tobin	2 60	
W B Richards	3 90	
W H Ready	1 00	
Alex McLelland	3 00	
Michael Carey	23 50	
Wm Girard	17 00	
Wm Burnham	19 40	
Levi Girard	8 80	
C H Rollins	1 35	
James Hull	2 60	
Frank Gove	2 40	
Perry Grant	2 00	
Sylvester Brown	4 00	
C C Caldwell	20 00	
Sam'l Foster	1 60	
M Russell	4 00	
John Girard	6 00	
Aaron Wells	1 60	
Smith E Hayes	12 00	
Val Rust, jr	1 00	
John Harris	3 30	
John Doyle	5 00	
Robt Spencer	2 00	
John T Hovey	7 90	
Fred Bray	4 00	
A W Gordon	80	
Wm P Ross	4 50	
P R Eames	3 50	
Dennis Bryant	2 00	
Ernest Rust	1 80	
Harry Girard	4 00	
Eugene Girard	1 40	
A D Mallard	60	
		$819 30

DISTRICT NO. 2.

Wm. P. Ross, Surveyor.

Paid for Labor, Gravel, etc.

Wm P Ross	$59 70
Chas A Dorr	40 70
Nath'l T Low	64 50
T B Fall & Son	33 25
Fred A Carter	12 50
Wm L Stone, jr	2 50
Elmer Andrews	9 40
Silas Crooker	25 30
John Dorr	7 80
Albert S Brown	13 60
Chas H Rollins	3 50
John G Rollins	2 35
Ward Kenney	2 00
Epps Norwood	13 40
P R Eames	3 50
Jere Brocklebank	13 80
Luther Wait	2 00
Geo V Millett	14 80
John A Brown	6 30
John S Glover	2 25
Nath'l Rust	25
S F Canney	3 66
Geo Spencer	4 00
Wm Marshall	8 40
John W Goodhue	49
Geo A Hodgdon	17 50
James Dolan	40
W W Wait	2 50

A A Searles	4 40	
E Kent	2 00	
C W Smith	3 40	
Walter P Ross	2 40	
		$382 55

DISTRICT NO. 3.

Allan W. Brown, Surveyor.

Paid for Labor Gravel, etc.

A W Brown	$45 00
Robert Gove	8 00
Isaac Bridges	8 00
Wm Tarr	3 00
Jackson Mullens	5 00
Edw Ready	15 00
Wm Walton	1 60
Farley Lord	1 60
Hiram Parlee	2 00
Medley Parlee	13 76
Fred Carter	4 50
Alfred Norman	1 00
C W Parlee	4 40
John E Norman	3 00
Dan'l Carr	2 60
Wm Goodhue	11 50
Gustavus Kinsman	17 60
Isaac Foss	15 00
Walter Gould	7 00
A S Brown	25 20

V H Grant	1 00	
Walter Hicks	2 00	
C C Caldwell	20 00	
John Morehouse	3 20	
Frank Fewkes	2 10	
R L Adams	90	
J A Morey	1 60	
Wm H Burnham	20 18	
Jere Sullivan	8 00	
Asa R Brown	21 00	
David Low	5 60	
John Girard	6 00	
Levi Girard	4 00	
H L Ordway	12 00	
		$302 34

DISTRICT NO. 4.

John Galbraith, Surveyor.

Paid for Labor, Gravel, etc.

John Galbraith	$55 80	
J F Kinsman	37 70	
Alden Story	26 91	
Horace Brown	17 00	
A S Brown	9 70	
		$143 11

DISTRICT NO. 5.

Rees Jenkins, Surveyor.

Paid for Labor, Gravel, etc.

E K Brown	$25 40
Carl A Caverley	18 90
John A Burnham	16 60

E A Crockett	13 50	
John B Brown	42 40	
Geo L Woodbury	10 10	
Geo E Smith	15 90	
		$142 80

DISTRICT NO. 6.

Wm. G. Horton, Surveyor.

Paid for Labor, Gravel, etc.

Wm G Horton	$69 15	
Ambrose Young	5 20	
W F Kinsman	18 90	
T M Norman	31 50	
A B Fellows	2 00	
		$126 75

DISTRICT NO. 7.

E. N. Brown, Surveyor.

Paid for Labor, Gravel, etc.

E N Brown	$58 30	
Eben Moulton	21 00	
A Story Brown	27 00	
Chas G Brown	11 00	
Fred G Cross	26 00	
B R Horton	15 60	
Medley Parlee	4 00	
		$162 90

DISTRICT NO. 8.

John M. Fall, Surveyor.

Paid for Labor, Gravel, etc.

John M Fall	$32 50	
Geo Tibbetts	9 60	
Francis Goodwin	8 60	
J H Brown	28 70	
D W Appleton	10 50	
Elliott Appleton	3 00	
Oliver Smith	10 60	
		$103 50

DISTRICT NO. 9.

M. Whittier, Surveyor.

Paid for Labor, Gravel, etc.

M Whittier	$90 25	
David Low	14 80	
Oliver Smith	6 00	
Lemuel Smith	18 00	
A S Brown	42 00	
Wm Sturgis	24 00	
Edmund Ready	15 00	
A W Conant	1 00	
John Dorr	4 60	
Edw Wright	1 00	
		$216 65

DISTRICT NO. 10.

Wm. F. Warner, Surveyor.

Paid for Labor, Gravel, etc.

Wm F Warner	$196 10	
Peter Quill	5 20	
John F Tucker	20 80	
Eugene Sullivan	13 50	
Wm Goodhue	19 80	
Ebin Hurlburt	2 80	
Seth Senior	1 80	
Wm J Norwood	8 17	
		$268 17

DISTRICT NO. 11.

T. R. Lord, Surveyor.

Paid for Labor Gravel, etc.

T R Lord	$24 50	
Dexter McIntire	11 80	
Fred Sheppard	15 50	
N R Underhill	16 00	
Geo F Gwinn	11 40	
Dan'l Chapman	10 90	
Eben Lord	8 40	
Spencer Gwinn	18 70	
W K Chapman	9 00	
Wm A Burnham	2 60	
James Sheppard	2 30	
Frank Scotton	4 80	
S F Canney	3 79	
		$139 69

DISTRICT NO. 12.

J. C. Conant, Surveyor.

Paid for Labor, Gravel, etc.

J C Conant	$34 40	
Cyrus W Conant	24 45	
L J Wood	20 50	
J F Scotton	26 10	
Wm O Conant	23 95	
Wm Garrette	1 32	
Herbert Conant	4 00	
Herbert Low	10 70	
John S Spiller	3 30	
C R Titcomb	3 48	
N Foster	50	
E I Chapman	5 25	
		$157 95

DISTRICT NO. 13.

J B Kinnear, Surveyor.

Paid for Labor, Gravel, etc.

J B Kinnear	$63 70	
R B Kinner	15 60	
D S Perley	10 00	
Chas B Guilford	9 00	
L R Stone	7 60	
W H Farnum	7 00	
Herbert Conant	4 00	
Lyman Perley	2 00	
		$118 90

DISTRICT NO. 14.

Chas. M. Perley, Surveyor.

Paid for Labor, Gravel, etc.

Chas M Perley	$42 00	
A S Howe	19 06	
C E Howe	23 00	
Harry Welch	19 80	
W H Farnum	9 40	
O M Hills	4 52	
		$117 78

DISTRICT NO. 15.

Walter G. Brown, Surveyor.

Paid for Labor, Gravel, etc.

Walter G Brown	$24 60	
C E Brown	44 50	
James Ready	4 00	
W E Garrette	4 50	
J B Mitchell	14 00	
T H Ready	70	
Frank Bean	3 40	
Chas Jewett	10 00	
Edw Dole	7 50	
Geo Hills	20	
Geo Harris	1 10	
Clayton Jewett	4 40	
Robt Harris	4 80	
Wm Ready	6 40	
		$130 10

DISTRICT NO. 16.

John Donovan, Surveyor.

Paid for Labor, Gravel, etc.

John Donovan	$31 00	
E T Guilford	8 60	
John M Saunders	4 00	
J W Nourse	12 40	
James Dillon	4 00	
Michael Donahue	4 00	
Chas Jewett	23 00	
John E Bradstreet	25 00	
John Davis	8 00	
Newman Saunders	3 20	
		$123 20

SUMMER STREET.

Paid

C W Hayes, labor and oil	$50 90	
Robt Spencer, labor	2 90	
Epps Norwood "	11 90	
James Scott "	1 50	
Chas Rollins, "	96 85	
A J Barton, granite	127 00	
M J Judge, labor	70 77	
Wm P Ross, labor	5 00	
P R Eames, cement	15 00	
A H Plouff, iron rail	75 00	
Stephen H Baker, labor	2 00	
		$458 82

STACKPOLE'S BRIDGE FILLING.

Paid

Lemuel Smith	labor	$22 50	
M Whittier	"	43 00	
Asa R Brown	"	9 00	
Albert S Brown	"	17 50	
Edmund Ready	"	12 60	
Wm Sturgis	"	9 00	
John Dorr	"	16 20	
James Morey	"	12 60	
Chas McIntire	"	5 40	
Thos Boylan	"	7 90	
David Low	"	4 80	
A S Brown, gravel		38 20	
C H Rollins, labor		24 00	
			$222 70

MISCELLANEOUS.

Paid

James Graffum, repairs, etc	$34 28
S F Canney, lumber	70 50
J W Goodhue, supplies	13 34
T F Cogswell, pipe, etc	208 43
A P Hills Co, supplies	2 45
Ames Plow Co, blades	4 80
A H Plouff, hose	5 80
C H Rollins, concrete	503 21
A J Barton, edgestone	609 08
John Durand, repairs	2 10
C H Rollins, (dump) dump wall	175 50
W A Spiller, snow plow	30 00
G H W Hayes, legal advice	4 00
A W Gordon, repairs	5 80

A P Littlefield, repairs	$ 80	
C C Caldwell, teaming	20 50	
Edward Bodwell, sand	1 00	
T P Thomas, concreting	29 00	
John S Glover, cement	12 00	
W H Ready, sand	1 00	
J A Smith, repairs	3 10	
Wm Marshall, iron work	17 78	
J W Nourse, plan	1 00	
F T Goodhue, supplies	1 20	
		$1756 67

TOWN TEAM.

J. A. Huckins, Driver.

Paid

A P Hills Co, supplies	$ 1 95
J W Davison, repairs	10 80
Geo B Brown, grain	197 23
E R Smith, medicine	7 87
J A Huckins, salary	603 22
F A Carter, labor	2 00
John A Blake, medicine	11 90
H D Lambert, veterinary	24 00
John Durand, iron work	1 50
Wm A Spiller, repairs	12 25
T B Fall & Son, coal	5 25
C C Caldwell, coal	5 40
J B Caverly, carrots	2 50
J W Goodhue, supplies	10 58
Jackson Ex Co., express	2 05
E Hathaway Co, supplies	3 00
J R Richards, repairs	4 03

E G Damon, labor	2 85	
C F Chapman, repairs and supplies . . .	17 35	
Agawam Stables, use of horse	120 50	
Wm Marshall, shoeing, etc	23 05	
A C Damon, whip	1 00	
F T Goodhue, supplies	2 70	
A H Plouff, supplies	1 40	
S F Canney, lumber	13 03	
J A Smith, iron work	4 80	
James Graffum, repairs, etc	19 15	
Wm P Ross, horse food	3 50	
		$1114 86

The total number of hours the team was at work on the district was 2304 or 230.4 ten hour days.

Number loads of gravel hauled 716

Number of loads of dirt and leaves hauled off of the streets 605

In addition to the above work the team should be credited with $100. earned on Fire Department work, and should be debited with $120. for hay supplied by the Town Farm. Owing to the increased price of grain, and the fact that one of the horses was sick for some time, necessitating the hiring of a horse, the expense of the team is larger than ordinarily.

HIGHWAY RECAPITULATION.

Receipts

Appropriation for repairs	$6100 00	
" " concrete	1125 00	
Cash sale of dirt	34 90	
" St Railway tax	1953 15	
" concrete	137 07	
		$9350 12
Unexpended balance, Jan. 1, 1902		4691 45
		$14,041 57

Expenditures

District No. 1	$ 819 30	
" 2	382 55	
" 3	302 34	
" 4	143 11	
" 5	142 80	
" 6	126 75	
" 7	162 90	
" 8	103 50	
" 9	216 65	
" 10	268 17	
" 11	139 69	
" 12	157 95	
" 13	118 90	
" 14	117 78	
" 15	130 10	
" 16	123 20	
Summer Street	458 82	
Stackpole's Bridge	222 70	
Town Team	1114 86	
Miscellaneous	1756 67	
Total for repairs		$7008 74
Total for snow		3362 74
		$10371 48

Total cash credited to Highways	$14041 57
Total bills paid on account of Highways	10371 48
Unexpended balance Jan. 1. 1903	$3670 09

FEES AND SALARIES.

SELECTMEN.

Paid

Geo A Schofield, chairman	$150 00	
Chas E Goodhue	100 00	
Chas G Hull	81 25	
John A Brown, salary, 1900	52 50	
		$383 75

ASSESSORS.

Paid

Geo A Schofield, chairman	$150 00	
Daniel S Appleton	75 00	
Chas E Goodhue	100 00	
		$325 00

OVERSEER OF THE POOR.

Paid

Geo A Schofield, chairman	$150 00	
Chas S Cummings	75 00	
Daniel S Appleton	75 00	
		$300 00

Paid

Chas W Bamford, town clerk	$133 35	
Chas W Bamford, treasurer and collector	600 00	
Thos E Condon, " "	200 00	
Henry F Dunnels, auditor	50 00	
		$983 35

SCHOOLS.

Paid

Chas G Hull committee	$33 75	
Chas S Cummings "	29 00	
Harriet L Noyes "	69 05	
John H Cogswell "	108 75	
		$240 55

REGISTRARS.

Paid		
Chas W Bamford	$30 00	
J Farley Kinsman	20 00	
C H Glasier	20 00	
L H Daniels	20 00	
		$90 00

POLICE.

Paid		
Chas T Littlefield	$267 25	
F C Hull	426 25	
W B Atkinson	348 25	
J W Patterson	57 75	
H F Fall	178 50	
John F Dupray	177 70	
James Sheppard	31 75	
E L Mason	20 50	
D H Wells	20 25	
C M Jewett	15 75	
H O Whittier	14 25	
Edw H Smith	9 50	
V H Grant	7 50	
J A Lord	7 25	
Frank Gove	6 00	
O A Littlefield	6 00	
Wm H Jewett, 2nd	6 75	
N H Lord	1 25	
Elmer Smith	1 00	
		$1603 50

CONSTABLES.

Paid

W B Atkinson, posting warrants	$5 00	
J W Patterson, serving warrants	2 40	
F C Hull, posting warrants	10 00	
C T Littlefield, posting warrants	5 00	
		$22 40

BOARD OF HEALTH.

Paid

James Griffing	$51 50	
Geo W Smith	50 00	
Levi W Mallard	66 00	
		$167 50

Paid

A S Garland, keeper of lockup	$50 00	
Luther Wait, moderator	10 00	
C W Bamford, recording deaths, etc . .	84 40	
Geo G Bailey, M D returning births	12 00	
Geo E Macarthur, M D " "	2 75	
Wm E Tucker, M D " "	3 50	
W H Russell, M D " "	50	
Geo Haskell, returning deaths .	5 25	
E N Brown, inspector of cattle	157 20	
T E Condon, sealer	43 60	
E P Grant, care of bouys	20 00	
D S Appleton, taking census	40 00	
C E Goodhue, " "	20 00	
		$449 20

ELECTION OFFICERS.

Paid	
Frank Girard	$12 50
James E Gallagher	5 00
G H W Hayes	12 50
John Peatfield	12 50
Alfred Pickard	12 50
Arthur H Walton	7 50
Wm Flemming	7 50
J Howard Lakeman	7 50
Richard R Glasier	7 50
Albert Fairfield	12 50
S Foster Damon	7 50
Geo Spencer	12 50
Willis L Augur	12 50
Emory Hall	7 50
Valorous Grant	7 50
Edw Wells	7 50
Frank H Cogswell	7 50
John Rollins	7 50
John Morris	7 50
G A Schofield	5 00
C E Goodhue	5 00
C G Hull	5 00
G A Willett	5 00
Chester Patch	5 00
F A Stackpole	5 00
Eugene Girard	5 00
Albert C Joyce	5 00
Spencer Gwinn	5 00

Clark O Abell	$ 5 00	
James Damon	5 00	
Frank Ross	5 00	
John E Tenney	5 00	
Geo Hills	5 00	
Chester W Bamford	5 00	
		$250 00

SUMMARY.

DR.		CR.	
To appropriation, 1902	$4500 00	By amt pd police	$1603 50
" 1901	40 58	" school officials	240 55
" balance	274 67	By amt pd board of health	167 50
		By amt pd constables	22 40
		" registrars	90 00
		" auditor	50 00
		" selectmen	383 75
		" assessors	325 00
		" overseers of the poor	300 00
		By amt pd town clerk	133 35
		" treasurers	800 00
		" election officers	250 00
		" other officials	449 20
Total	$4815 25	Total	$4815 25

SCHOOLS.

Bills allowed for Manning and Common schools during the year 1902.

MANNING SCHOOL.

Paid

Trustees of Manning School as per contract	$1600 00

SUPERINTENDENT AND TEACHERS.

Bills approved and allowed by the School Committee.

Paid

Andrew S Thompson	$150 00
Susie Potter	525 00
Caroline Thatcher	150 00
S Isabel Arthur	731 25
Eva M Purinton	270 00
Katherine F Sullivan	585 00
Grace E Smith	64 00
Kate C Baker	376 50
Nellie Sullivan	268 40
Mabelle R Willis	420 75
Annie P Wade	342 00
Edith Walker	24 00
Maye Clarke	1 50
Ethel W Ratsey	300 00
Emma G Gardner	300 00
Susan L Kimball	185 60
Abbie Carr	192 00
Minnie F Hodgkins	319 50
Elsie Ross	302 40
Katie Brown	263 20
Alice Burnham	193 75
Lucy B Story	6 25

E Mable Adams,	$ 506 25	
Eva A Willcomb	397 50	
Ada V Hall	75 00	
Lucy G Harris	96 00	
Mary E Archer	370 50	
Isabel G Brown	312 00	
Cora H Jeweett	238 95	
Augusta N Appleton	277 10	
		$8244 40

BOOKS AND SUPPLIES.

Paid

C F Winchester	$ 13 90
Leavenworth & Green	20 00
D Appleton & co	16 92
Ginn & Co	90 25
D C Heath & co	22 16
J L Hammatt co	136 88
Edward E Babb & co	191 05
Smith Typewriter co	70 44
Silver, Burdett & co	121 65
Burrows Bros Co	20 80
Remington Typewriter Co	70 00
Allyn & Bacon	4 38
American Book Co	266 81
Geo F King & Co	52 04
Wardsworth, Howland Co	35 74
Globe Book Co	8 64
The Morse Co	9 00
W O Hartshorn	15 60
Alice F Burnham	2 80
H E Carlisle	5 95
Thompson, Brown & Co	2 50
Scott, Foresman & Co	10 40
Atkinson & Mentzie	25 94

Kenny Bros & Walkins	$163 07	
W Jay Little	5 00	
A W Baker & Co	9 75	
Werner Book Co	79 99	
C F Hovey & Co	15 20	
Hindoo & Noble	3 35	
Ethel W Ratsey	5 10	
Educational Pub Co	11 59	
S Ward Co	5 00	
Perry & Co	1 79	
Ditson & Co	3 27	
Houghton, Mifflin & co	29 13	
Chronicle Pub. co	1 50	
		$1552 59

CARE OF SCHOOLHOUSES.

Paid

Smith E Hayes	janitor	$ 200 00	
William P Gould	"	275 00	
William Kirk	"	78 00	
Geo H Lauer	"	10 00	
Geo E Smith	"	10 00	
Charles Bailey	"	13 85	
J B Mitchell, cleaning vaults		33 00	
			$619 85

FUEL.

Paid

Geo E Farley, coal	$ 131 43
T B Fall & Son, coal	249 32
C Chester Caldwell, coal	10 75
J S Glover, coal	15 75
Robert Stone, wood	24 00

D S Appleton, wood	$ 5 00	
C E Howe, wood	12 00	
S P Foster, sawing wood	1 75	
M Russell, " "	6 00	
G H Lauer, " "	4 50	
		$460 50

PRINTING.

Paid

Chronicle Pub. Co	$34 20	
F R Hull	75 00	
C G Hull	29 00	
Cleveland Printing Co	8 32	
		$146 52

INCIDENTALS.

Paid

John H Cogswell, purchasing agent	$ 75 00	
Austin Morse, transportation	300 00	
Jackson Ex Co, express	14 30	
American Ex Co, express	16 30	
Water Dept	98 82	
A S Garland, truant officer	40 00	
Ipswich Post Office, stamps	14 00	
Howe's Ex., express	6 28	
Ned L Harris, express	1 85	
A D Mallard, express	9 10	
Walter C Beckwith, address	25 00	
C S Cummings, census	25 00	
Austin Measures, rent	16 00	
E R Smith, supplies	40	
L E Willcomb, supplies	3 60	
Mrs J C Stone, supplies	2 92	
Mrs C S Tyler, supplies	11 47	
C W Bamford, certificates	1 00	

F T Goodhue, supplies	$ 35		
A P Hills Co., "	70		
J A Blake, "	19 59		
J W Goodhue, "	15 84		
A C Damon, "	14 95		
T F Cogswell "	5 42		
C W Day car tickets	8 80		
J F Bradstreet, "	2 25		
A E Jewett, "	10 95		
A E Hickens, "	2 20		
L G Haggerty, "	2 20		
L & B R R Co "	25 00		
B & N R R So "	125 00		
Thos Stickney "	2 20		
G R & I R R Co "	25 00		
			$921 49

REPAIRS, LABOR, ETC.

Paid

Jere Sullivan, labor	$ 1 00	
Mrs G Hopping, "	10 00	
Bertha Bailey, "	50	
A G Lauer, "	8 50	
Frank Hicks, painting	75	
Mrs J M Saunders, labor	5 50	
Jackson Mullins, "	2 05	
Geo Adams, "	3 59	
Delia E Jewett, repairing chairs	3 00	
D B Hinckley, labor	1 50	
Luther Lord, removing ashes	3 00	
C E Ames, M D, vaccinating children	24 80	
W H Russell, M D, " "	31 00	
G E Macarthur, M D, " "	21 00	
W E Tucker, M D, " "	10 00	
G G Bailey, M D, " "	91 50	

P E Clarke, disinfecting	$34 50	
Sanitary Disinfecting Co, supplies . . .	8 50	
J F Wippich, repairs	10 00	
C S Tyler, repairs	3 50	
W C Henderson, repairs	4 25	
J R Small, repairs and labor	14 75	
A H Plouff, supplies and repairs	72 79	
Reuben Andrews, painting	11 13	
J H Lakeman, painting	14 60	
Stephen H Baker, labor	11 00	
M Newman, supplies	5 85	
Soar & Sheppard, painting	58	
Geo Haskell, repairs	3 25	
Wm A Spiller, repairs	75	
F R Schaller, tuning piano	12 50	
S F Canney, lumber	7 58	
Agawam Stables, teams	7 50	
D A Grady, team	12 50	
Mrs Maggie Holland, labor	70	
Mrs S E Grimes, labor	4 45	
Mrs N J Smith, labor	1 80	
		$460 17

DR. SUMMARY. CR.

To appropr'tion, 1902	$13500 00	Paid Trustees Manning school	$1600 00
To amt rec'd dog licenses	302 76	" Teachers	8244 40
To amt rec'd tuition from other towns	365 97	" books and supplies	1552 59
To balance, 1901 appro.	170 82	" care of school-houses	619 85
		" for fuel	460 50
		" incidentals	921 49
		" repairs, etc	460 17
		" printing	146 52
		By balance	334 03
Total	$14339 55	Total	$14339 55

STREET LAMPS.

Paid

S F Canney, lumber	$ 60	
E G Damon, labor	7 82	
A H Plouff, repairs	3 75	
Wm Marshall, iron work	3 10	
J H Lakeman, repairs	13 10	
John Dupray, care of street lights and supplies	1190 02	
Ipswich Gas Light Co., gas	291 70	
C W Brown, mantles, chimneys, etc . .	21 81	
J W Goodhue, new lights and repairs . .	31 25	
Est T E Condon, supplies	60	
		$1563 75

SUMMARY.

DR.		CR.	
To appropriation	$1500 00	By bills paid 1902	$1563 75
" balance	63 75		
Total	$1563 75	Total	$1563 75

FIRE DEPARTMENT.

Paid

Hose Co, No. 2	salaries	$165 00
Gen Sutton H & L Co, No. 1,	salaries . .	300 00
Steamer No 1 and Hose 1	" . .	206 25
Engineers Fire Department	" . .	115 00
Torrent Engine Co, No 3	" . .	136 50
Chester Patch, Hose 2,	" . .	3 75
Robt Turner, Hose,	" . .	3 00
A J Barton, labor on Fire Alarms		15 00
R R Glasier, " "		15 00
T R Lord, " "		15 00
Chas W Canney, engineer, Steamer 1 . .		10 00
Fred C Rust, Fireman, Steamer 1 . . .		10 00
Walter Hicks, Steward, Hose 2		10 00
Roy Brocklebank, watching fires		75
Thos Scahill, labor		16 30
O F Thompson, Forest fire		50
G H Hills "		50
Chester Patch, "		50
N L Harris, "		1 00
Geo H Hills, Steward, Hose 2		10 00
Geo Brown, Steward, H & L No 1		10 00
F A Carter, Steward, Steamer 1		40 00
A J Barton, Forest Fire		75
Geo H Hills, watching fires		2 00
W W Wait, watching fires		2 00
D H Wells, "		1 00

J W Goodhue, supplies	$22 14
S H Thurlow, supplies	1 50
Sprague, Breed & Brown, coal	2 33
John A Brown, poles	13 60
A D Mallard, hauling wagon	18 00
C C Caldwell, coal	55 73
S F Cauney, lumber	34 65
Est T E Condon, supplies	2 25
C Callahan co., hose, pipes, etc	33 00
Jackson Express co., express	95
J H Lakeman, labor	1 25
A H Peatfield, coal	90
H O Whittier, hauling truck	2 00
E G Damon, labor	2 25
Harris Ex, express	1 25
F A Carter, hauling steamer	5 00
Ipswich Gas Light Co, gas	16 90
Geo B Brown, hauling engine	2 00
T P Thomas, concrete	6 00
W E Decrow, alarm boxes	229 18
Geo Hills, painting	3 00
A H Plouff, supplies	4 57
John B Mitchell, cleaning vault	2 00
Electric Gas Light Co, alarm supplies	35 00
H F Tonge, labor	2 50
A D Mallard, express	4 82
Chronicle Pub Co, printing, alarm cards	4 00
James Graffnm, repairs	19 15
A J Barton, jr, delivering cards	2 00
Ipswich Mills, supplies	27 00
Sanitas Co, supplies	1 00
E F Brown, coal	31 46
Mary E Tilton, rent of land	2 00
Wm A Spiller, pole	2 00
Eagle Oil Supply Co, oil	1 50
American Express Co, express	1 30
Agawam Stables, teams	7 50

F T Goodhue, supplies	$ 4 14	
C F Chapman, supplies	1 25	
H K Barnes, spanners	9 00	
A C Damon, sleigh	30 00	
		$1745 87

SUMMARY.

DR.		CR.	
Appropriation, 1902	$1900 00	By bills paid	$1745 87
		" allowance to team	100 00
		" balance	54 13
Total	$1900 00	Total	$1900 00

TOWN FARM.

BILLS ALLOWED.

Paid

Geo B Brown, grain	$719 17	
		$719 17
Blaisdell Bros, groceries	17 54	
H K Dodge, "	135 61	
N Burnham, "	83 87	
A P Hills Co, "	109 85	
Est. T E Condon, "	24 99	
F T Goodhue, "	47 39	
L E Willcomb, "	23 89	
N J Bolles, "	55 27	
C W Hayes, "	61 49	
H F Fall, "	49 66	
J W Brown, "	10 15	
Thos H Lord, "	92 03	
Peoples' Gro. & Prov. Co, groceries . . .	53 57	
Cash Div Co, groceries	43 75	
W B Richards, groceries and prouisions .	16 74	
D W Kimball, provisions	22 66	

J W Perkins, provisions	$34 05	
C E Perkins, provisions	39 06	
	———	$921 57
Mrs C S Tyler, dry goods	17 95	
W S Russell, dry goods	23 48	
W E Lord, dry goods	7 90	
S N Baker, clothing	21 90	
G F Langdon, clothing	6 00	
	———	$77 23
S H Thurston, boots and shoes	$ 9 10	
J A Tucker, " "	7 13	
E T Pike, " "	7 85	
I E B Perkins, " "	14 83	
J Peters, " "	85	
	———	$39 76
J L Grant, fish	$ 3 60	
W S Atkinson, fish	49 89	
	———	$53 49
J A Blake, medicine	$15 59	
E R Smith, "	4 45	
B J Conley, "	1 10	
C F Chapman, repairs and supplies	36 67	
J R Richards, repairs and supplies . . .	5 40	
J W Goodhue, hardware and supplies . .	46 44	
J A Smith, blacksmithing	21 80	
J Durand, "	2 50	
Wm Marshall, "	18 15	
Jere Davison, "	11 38	
Geo Haskell, funeral	25 00	
Edward W Choate, lumber and labor . .	64 61	
Ipswich Independent, paper	1 00	
Wm A Spiller, repairs	1 00	
John M Dunnels, supplies, etc	27 45	
S F Canney, lumber	4 80	
M Newman, supplies	7 07	

C S Cummings, supplies	$ 2 55	
C W Sylvester, harness	10 00	
Peter Quill, labor	2 00	
Geo W Fitz, repairs	21 38	
W J Norwood, grinding corn	34 63	
A H Plouff, supplies	21 01	
C S Tyler, repairs	50	
J Graffum, repairs	19 75	
T F Cogswell, supplies	2 80	
R G Chase, trees	11 50	
J Stackpole & Son, fertilizer and soap	82 47	
C O Amazeen, tobacco	9 80	
A C Damon, furniture	49 75	
Chronicle Pub co, printing	5 00	
W G Horton, use of stallion	28 00	
Ebin Lord, killing pigs	2 50	
J W A Hayes, pigs	8 00	
A W Gordon, repairs	2 00	
J H Lakeman, painting	14 01	
M Whittier, ice	14 00	
F A Carter, work on ice	12 00	
Edw F Ready, work on ice	2 00	
Allen W Brown, work on ice	4 00	
Thos H Ready, work on ice	2 00	
James Ready, work on ice	2 00	
		$658 18

LABOR.

Paid

Charles W Sylvester, Superintendent	$600 00	
Fred Brown,	150 34	
John Dorr	9 60	
Ernest Lemay	3 10	
Eliza McKenzie	75 00	
Lillian Bolstridge	45 00	
Grace Aikley	36 00	
D W Ross	251 00	
Mrs D W Ross	165 00	
		$1335 04

Bills paid by Supt	$43 54	
		$43 54

RECEIVED FROM SALES FROM FARM.

Cream	$1177 64	
Milk	350 00	
Hay	325 00	
Other sales	495 24	
		$2347 88
Due for sales at Farm		227 94
Total sales . . .		$2575 82
Total amt paid for support of Farm . . .		3847 98
Total receipts	2347 88	
Amt due Farm, 1902	227 94	
		$2575 82
Balance expense of Poor at Farm		$1272 16
Number of inmates at Farm during year		20
" " " Jan 1, 1902		16
Average cost per week of each inmate		$1.40

TOWN FARM.

SUMMARY.

DR.		CR.	
To amt on hand Jan. 1, 1902	$705 75	Amt pd grain	$719 17
" appropriation, 1902	1500 00	" groc and prov.	921 57
" sales at farm, 1902	2347 88	" clothing	77 23
" due farm 1902	227 94	" boots and shoes	39 76
		" fish	53 49
		" incidentals	658 18
		" labor	1335 04
		" by Supt	43 54
			$3,847.98
		" to balance,	933.59
Total,	$4,781.57	Total,	$4,781.57

INVENTORY, STOCKS, TOOLS, ETC. AT TOWN FARM.

	1903		1902			
	NO.	VALUE	NO.	VALUE	GAIN	LOSS
Oxen	2	$250	2	$200	$50	$
Cows	36	1080	38	990	90	
Heifers	3	60	5	100		40
Bulls	1	40	1	40		
Horses	3	350	3	350		
Fat hogs	5	100	3	75	25	
Shoats	8	80	7	70	10	
Pigs			2	4		4
Fowl	100	50	100	50		
Horse wagons	4	75	4	75		
Horse wagons	1	50	1	50		
Horse cart	1	50	1	50		
Pung	1	10	1	10		
Ox wagons	2	275	2	275		
Ox carts	2	75	2	75		
Mowing machines	3	90	4	90		
Plows	3	20	3	20		
Cultivators	1	5	1	5		
Horse hoes	1	5	2	10		5
Harrows	3	30	3	30		
Ox sled	2	40	2	40		
Drag	1	5	1	5		
Wood, cords	42	294	39	234	60	
Coal, tons			10	70		70
Groceries		105		100	5	
Dairy utensils		110		110		
Furniture and bedding		450		450		
Range and fixtures		130		130		
Stoves and furnaces		130		130		
Winnowing mills	1	8	1	8		
Wheel rakes	2	30	2	20	10	
Tedders	1	12	1	12		
Tools		75		75		
Blocks and ropes		5		5		
Harness	6	80	6	80		
Rack	1	10	1	10		
Suction pump	1	4	1	4		
Windmill and tank		200		200		
Potato digger	1	13	1	13		
Scales		23	1	23		
Fire extinguishers	5	10	5	10		
Wheelbarrow	2	5	2	5		
Screen	1	5	1	5		
Total		$4439		$4308	$250	$119

PRODUCE, ETC,

	1903		1902			
	NO	VALUE	NO	VAL.	GAIN	LOSS
Corn, bushels	489	$391	525	$420	$	$29
Beans, "	10	25	4	10	15	
Potatoes, "	600	540	250	250	290	
Roots, "	50	25	50	25		
Onions, "	6	6	3	6		
Apples, barrels	50	50			50	
Pork, pounds	200	24	300	33		9
Soap, "			100	5		5
Ham, "				5		5
Fish, "		5		3	2	
Lard, "	30	4			4	
Butter, "	20	5	65	19		14
English hay, tons . . .	56	1008	77	1463		455
Salt hay, black grass . .	78	780	54	540	240	
Mulch	6	30	6	20	10	
Rowen	9	135	17	255		120
Vinegar, gals	365	54	80	12	42	
Cabbages		10		20		10
Phosphate		4		4		
Grain		35		25	10	
Totals,		$3,131.00		$3,115.00	$663.00	$647.00
Inventory, stock, tools, etc		4,439.00		4,308.00	250.00	119.00
		7,570.00		7,423.00	913.00	766.00
		7,423 00			766.00	
		$147.00			$147.00	

Summary of Income and Expenses at Town Farm for the Years 1898, 1899, 1900, 1901, 1902

	1898	1899	1900	1991	1902
Expenditures	$3,695.75	$4,229.41	$4,209.58	$3,747.43	$3,847.98
Income	1,595.75	2,211.26	3,468.41	2,194 35	2,575.82
Total expense,	2,100.00	2,018.15	741.17	1,553.08	1,272.16

REPORT OF THE OVERSEERS OF THE POOR.

FOR THE YEAR ENDING DEC. 31. 1902.

POOR ACCOUNT.

BILLS ALLOWED.

Paid		
Nellie Doyle, rent	$6 25	
Geo F Rogers, rent	12 00	
Ezra Merrill, rent	48 00	
Caldwell & Kyes, rent	32 50	
E F Cotton, rent	20 00	
J B Ross, rent	55 00	
I Foss, rent	21 10	
Nellie W Augur, rent	18 00	
A C Damon, rent	31 50	
Abbie King, rent	30 00	
C A Glidden, rent	48 00	
Grace F Bailey, rent	13 50	
Jerome Dondero, rent	3 50	
N Bancroft, rent	14 00	
Fred S Burnham, rent	40 00	
Francis J Kinsman, rent	24 00	
		$417 35

FUEL.

Pa		
A H Peatfield, coal and wood	$196 54	
C C Caldwell, coal	8 22	
T B Fall & Son, coal	7 95	
P R Eames, coal	14 50	
Libby Wood, cutting wood	95 05	
Ipswich Mills, coal	95	
J Dillon, sawing wood	2 00	
		$325 21

SUPPLIES.

Paid		
H K Dodge, groceries	$ 7 00	
C W Hayes, "	65 42	
N J Bolles, "	117 15	
F T Goodhue, "	26 79	
F G Brown, "	14 00	
N Burnham, "	125 89	
L E Willcomb, "	206 00	
A P Hills Co, "	30 00	
People G & P Co, groceries	34 00	
W B Richards, "	21 03	
Geo W Tozer, " and meat	94 00	
D W Kimball, meat	43 70	
L Blaisdell, meat and groceries	2 00	
J W Brown & Co, groceries	2 00	
Cash Div. Co, groceries	22 00	
C E Perkins, meat	4 14	
		$815 12
E T Pike, shoes	$1 65	
S H Thurston, shoes	7 40	
I E B Perkins, shoes	22 70	
		$31 75
W E Lord, dry goods	$8 20	
S N Baker, dry goods	6 75	
		$14 95
C E Ames, M D	$28 50	
Geo G Bailey, M D	70 65	
S A Pedrick, M D	55 00	
Geo E Macarthur, M D	220 82	
W E Tucker, M D	13 00	
		$387 97
Mary Moriarity, allowance	24 00	
Mary Cate, "	96 00	
Phebe Pickard, "	144 00	
Annie Dole, "	72 00	
Anna Wall, "	30 00	

Eliza Banner,	allowance	$60 00	
Martha Gwinn,	"	96 00	
Mrs Simmons,	board	53 00	
Peter Jedrey,	"	103 40	
H L Cook,	"	112 00	
Mrs Frank Comeau,	board	60 00	
Bernard Scahill,	"	51 75	
Mrs Lewis Kneeland,	nursing	95 65	
Mrs Clancy,	board	138 00	
Wm E St Aubin,	board	55 00	
Mrs Littlefield,	nurse	25 00	
			$1215 80

B J Conley,	medicine	$1 70	
Geo Haskell,	burial	63 00	
Agawam Stables,	teams	5 00	
P E Clark,	burials	75 00	
Flora Baker,	hat	1 80	
E R Smith,	medicine	84 53	
C M Perley,	milk	18 94	
A E Bailey,	medicine	5 15	
C S Cummings,	cash	65	
G R Hardy,	milk	1 90	
Est T E Condon,	crackers	4 80	
			$262 47

POOR IN OTHER TOWNS.

Town of Ware,	partial supplies . . .	$106 84	
City of Boston,	" " . . .	82 93	
City of Worcester,	" " . . .	9 00	
City of Salem,	hospital cases	24 27	
Commonwealth of Mass.,	insane cases . .	892 36	
City of Gloucester,	partial supplies . . .	128 00	
Town of Rowley,	" " . . .	20 00	
			$1263 40

Total amt paid for bills contracted 1902		$4734 02
Money received by Poor Department for 1902 bills:		
Cash from city of Salem	$123 20	
" city of Gloucester	2 85	
" C Malenfant	46 50	
" Joshua B Grant	169 00	
" town of Lynnfield	107 11	
" town of Salisbury	72 00	
" John P Adams	169 00	
" town of Sherborne	84 26	
" Commonwealth	19 75	
" town of Needham	338 89	
		$1132 56
Due from other Towns and Cities for 1902 Bills.		
Commonwealth	$119 25	
City of Salem	37 15	
" Lynn	36 65	
Town of Topsfield	26 93	
" Needham	78 00	
City of Haverhill	10 40	
" Newburyport	10 00	
		$318 38
Total amount paid out		$4734 02
Less amount received from other towns and cities for 1902	$1132 56	
Less amount due from other towns and cities for 1902	318 38	
		$1450 94
Total cost of Ipswich poor		$3284 08

POOR DEPARTMENT.

SUMMARY.

DR.			CR.	
To appropriation, 1902	$2500 00		By pd rent	$417 35
" amt received from other towns and cities, 1902 bills		132 56	" fuel	325 21
			" supplies	815 12
			" shoes	31 75
" amt due for 1902 bills		318 38	" dry goods	14 95
			" physicians	387 97
. balance		783 08	" allowance	1215 80
			" incidentals	262 47
			" other towns	1263 40
Total,		$4,734.02	Total,	$4,734.02

The following bills for former years have also been paid to the Poor Department during 1902.

Town of Sherborne,	1900	$2 65	
Commonwealth,	1901	28 51	
Town of Needham,	"	20 00	
City of Salem,	"	38 70	
Town of Sherborne,	"	136 09	
Town of Lynnfield,	"	12 20	
City of Gloucester,	"	94 00	
Town of Hamilton,	1899	3 02	
Total			$335 17

The following bills are due the Poor Department the for former years:

From Town of Newbury, 1899	$7 69	
" " Topsfield, 1897 and 1898	95 00	
" City of Lynn, 1900 and 1901 . . .	76 40	
		$179 09

The amount paid out for rent in 1902 was over $400. less than in the previous year, and the amount paid for groceries was over $500. less. On the other hand, there has been an increase of $300. in the amount paid for insane cases at Danvers Asylum, and an increase of $200. in the cash allowances. Taken as a whole, the department has paid out $732.90 LESS than last year. In the fuel department we have been unable to get coal a good part of the time, but the overseers early in the fall, seeing that there probably would be a scarcity, provided as best they could, by cutting nearly 50 cords of wood from the town wood lot. They have put out considerable of that wood, but there is quite a fair supply on hand now.

The expense for insane cases has been increasing quite rapidly, but in January, 1904. the State will take charge of all those cases and the poor department expense will be considerably reduced.

The Overseers have made the usual contract with the Town Physician, and his report shows the following number of calls by months:

January	30	February	56	March	28
April	34	May	34	June	47
July	93	August	27	Sept.	66
October	25	November	22	December	66

This makes a total of 528 visits. In addition to this, the physician furnished most of the medicine. He received a total of $220.82 for visits and medicine, or about 40 cents for each visit. The Town of Ipswich has received from other towns and cities $158. of the $220.82 paid Dr. Macarthur, so that the total expense to Ipswich has been $62.82.

The Town Farm has made an exceptionally good showing this year The payments have been $100. more than last year, but the receipts have also been almost $400. more. The inventory of property on Jan. 1, 1903, also shows an increase of $147.00 over that of Jan. 1, 1902. The average cost per week, of maintaining each inmate, shows a reduction of from $1.66 to $1.40. As the cost of living has been high in recent years, the overseers feel that taken as a whole, the management of the farm has been

good, and the showing made is creditable to the Superintendent

We recommend the same appropriation as last year, $1500. for the farm, and $2500. for the outside poor.

Respectfully submitted,

Geo. A. Schofield,
Chas. S. Cummings,
Dan'l S. Appleton,
} Overseers of. The Poor.

Ipswich, Jan. 1, 1903.

CURRENT EXPENSES.

TOWN HALL.

Paid

Ipswich Gas Light Co., gas	$178 80
Henry F Tonge, labor	32 50
A S Garland, janitor	554 52
A C Damon, furniture	33 40
J W Bond, washing	75
A S Garland, meals for prisoners	45 44
F T Goodhue, supplies	17 06
C S Tyler, repairs	1 00
Alex Morine, sawing wood	6 73
John S Glover, coal	45 10
J W Goodhue, supplies	29 84

J M Dunnels, repairs	$39 01	
J H Lakeman, painting	19 07	
T F Cogswell, supplies	1 32	
A H Plouff, repairs	32 82	
E R Smith, supplies	22 74	
P R Eames, coal	31 10	
C W Brown, mantels and chimneys	13 30	
M Newman, repairs	47 78	
Thos P Thomas, repairs	5 04	
Benj Fewkes, plants	4 13	
E G Damon, labor	1 80	
H A Wheeler & Co, supplies	4 00	
N J Bolles, supplies	4 75	
T B Fall & Son, coal	29 75	
C C Caldwell, coal	38 68	
J Albert Smith, repairs	75	
A W Gould, labor	16 96	
S F Canney, lumber	9 68	
New Eng. Tel & Tel Co., telephones	13 25	
Boston Wire Works, wire screens	10 70	
A W Hastings Co, supplies	2 00	
Est T E Condon, supplies	60	
		$1294 37

TREE WARDEN.

Amount paid by order of H. L. Ordway, Tree Warden.

J W Goodhue, supplies	$72 58
Wm H Burnham, labor	62 18
J A Morey, labor	16 25
C W H Moulton & Co, supplies	48 42
H P Homans, labor	1 33
Water Dept, water	8 24
A D Mallard, express	1 25

J W Richards, repairs	$ 80	
David Low, labor	50 50	
Geo W Plouff, labor	35 10	
Bowker Chemical Co, supplies	26 35	
Medley Parlee, labor	3 50	
D A Grady, teams	12 00	
T A Howe, express	5 00	
Jackson Ex Co., express	2 05	
James Graffum, labor	12 05	
Edmund Ready, labor	74 75	
John M Dunnels, repairs	1 05	
H L Ordway, labor	130 03	
Wm A Spiller, labor	3 50	
T S Thurlowe, trees	122 25	
R L Adams, labor	3 00	
Wm P Ross, labor	60	
E W Fewkes, labor	1 25	
Benj Fewkes, labor	11 00	
M Newman, repairs	4 35	
J J Hull, loam	1 00	
S F Canney, lumber	48	
G H W Hayes, legal advice	5 00	
		$715 86

PARKS.

Paid by order of Park Commissioners.

J W Goodhue, supplies	$ 3 45
R L Adams, labor	10 50
Smith E Hayes, labor	46 00
Jackson Mullens, labor	7 70
J A Stackpole & Son, supplies	4 50

Wm P Ross, labor	$9 00	
F T Goodhue, supplies	9 34	
Jere Sullivan, labor	11 00	
Hiram Parlee, labor	2 00	
A H Plouff, repairs	5 40	
J J Hull, loam	11 50	
James A Morey, labor	38 30	
Chas H Rollins, concrete	49 00	
Harry Girard, labor	3 20	
Benj Fewkes, plants, etc	75 00	
Thos C Tilton, labor	6 85	
Walter Shepherd, labor	1 60	
A S Brown, loam	4 75	
		$299 09

CEMETERIES.

Paid by order of the Board of Superintendents.

Wm H Kirk, labor	$8 60
John R Patch, labor	5 00
G A Pickard, labor	79 60
M H Grimes, labor	4 30
Jere Sullivan, labor	78 00
A J Barton, stone work	89 00
J W Goodhue, supplies	26 24
C H Rollins, labor	38 50
T P Thomas, concrete	13 50
A Staniford, painting	19 75
T C Thurlow, trees, shrubs, etc	114 15
Walter Ross, labor	5 20

Sylvester Brown, labor	$27 80	
J H Hull, labor	6 00	
W B Richards, loam	3 80	
John M Dunnels, pipes for water . . .	480 34	
Napoleon Duval, labor	8 00	
Wm H Ready, labor	13 20	
B & M R R Co, freight	11 40	
B L Putnam, labor	32 00	
P E Clarke, labor	72 00	
A H Plouff, supplies	2 10	
Erastus Clarke, labor	44 75	
Geo W Day, labor	30 00	
Aaron Lord, labor	7 00	
John H Baker, labor	74 80	
Luther A Lord, labor	83 00	
O M Hills, labor	26 35	
S F Canney, lumber	70	
S N Baker, clerk	20 00	
F T Goodhue, supplies	1 63	
J B Kines, grave markers	50 00	
Luther Lord, labor	105 80	
J B Kinnear, labor	5 60	
Chester Patch, labor	4 40	
Alfred Norman, labor	6 63	
Parsons Bros, labor	9 00	
J B Mitchell, labor	5 25	
		$1613 43

SOLDIERS' RELIEF.

Paid

M A Ready, rent	$91 00
City of Beverly [case] supplies	96 00
W B Richards, groceries	120 00
H F Fall, groceries	130 00

A H Peatfield, fuel	$17 84	
L E Willcomb, groceries	103 00	
Thos L Jewett, allowance	51 00	
Martha Clark, allowance	48 00	
Geo Bowen, allowance	57 00	
Josiah Perkins, allowance	60 00	
Lewis D Pickard, allowance	12 00	
P E Clark, burial of soldiers	140 00	
Joseph Leno, board	45 00	
W H Russell, physician	31 00	
Mrs B Parshley, board	41 00	
Mark Newman, rent	24 00	
Bernard Scahill, board	35 10	
Elizabeth H Baker, rent	16 89	
Geo E Macarthur, physician	92 00	
Ips Mills, fuel	4 12	
		$1214 95

POLICE SUPPLIES.

Paid

Chas S Tyler, repairing badges	$ 25	
J A Blake, police telephone bill, 1901 . .	17 07	
Agawam Stables, teams	14 00	
David A Grady, teams	6 00	
Wm Read & Son, police equipments . .	12 00	
		$49 32

WATER DEPARTMENT.

Paid

Appropriation for 1902	$4097 22

MISCELLANEOUS.

Paid

T D Crowley, sheriff fees	$ 1 50
Alden P White, legal advice, Kenny and Eagle Hill cases	300 00
Agawam Stables, teams	31 00
Epps Norwood, labor on dump	1 40
Soar & Sheppard, painting	29 36
A H Plouff, labor	1 25
D M Crowley, verdict against town, Kenney case	1531 48
A Storrs, Bement Co, supplies	7 50
Lilla D Stort, assessor's lists	11 55
Jere Sullivan, labor	14 30
E Mark Sullivan, labor	4 50
Wm H Burnham, labor	4 00
Arthur Conant, killing cats	2 00
E G Damon, labor on scales	15 36
Ned L Harris, express	50
J A Smith, labor	3 75
Geo F King Co, pay roll, ...	12 25
A J Barton, tablet	55 18
J J Hull, loam	4 25
J W Nourse, engineer	9 20
Est Geo P Smith, appropriation	500 00
J F Pope & Son, lumber	12 94
Daniel Chapman, witness fees	2 80
F T Goodhue, supplies	3 70
Moody & Bartlett, verdict, Garrett cases	1538 64
W S Russell, supplies	2 50
G H Brocklebank, labor	1 00
C C Caldwell, sprinkling streets	17 75
Gustavus Kinsman, team	2 50
Chas T Littlefield, dog warrant	10 00
S F Canney, lumber	3 14

F T McGann & Son, tablet	$65 00
Geo M Adams, use of water cart	12 00
Parmenter & Polsey, rebate on tax . . .	4 15
Cogswell & Safford, insurance	30 14
S H Thurston, boxes	75
Barry Printing Co, printing legal blanks	15 75
D A Grady, teams	4 00
Geo Plouff, labor on ice	1 40
John Floyd, labor on ice	4 00
John Nooman, labor on ice	4 00
Wm A Spiller, labor and stock	5 70
D S Appleton, expenses	2 80
John Wippich, care of town clock and repairs	40 00
Willard J Hale, deed	3 00
J W Goodhue, supplies	13 32
John Dorr, labor on dump	6 90
Chas E Goodhue, cash paid witnesses, Garrette case	33 60
Fred Carter, labor on dump	26 35
Allan W Brown, labor on dump	17 50
Frank Perkins, labor on dump	10 50
Chronicle Pub Co, town reports	147 00
" " " ballots, ordered by town clerk	25 00
Chronicle Pub Co, surveyors' ballot . . .	8 00
" " " advertising for assessors	8 00
" " " list of poll taxes for assessors	22 00
Chronicle Pub Co, new voting lists for registrars	24 00
Chronicle Pub Co, advertising for registrars	12 00
" " " cards, blanks, etc, for registrars	5 00
Chronicle Pub Co, advertising dog notices for clerk	6 00

Chronicle Pub Co, tax bills for collector	$ 8 00
" " " blanks for town clerk .	7 00
" " " advertising for sealer of weights	5 30
Chronicle Pub Co, advertising for selectmen's department and printing for selectmen and overseers	63 00
Chas G Hull, printing	8 75
Fred R Hull, "	12 50
P B Murphy, "	3 00
Horace A Brooks, binding books	28 25
G H W Hayes, legal advice, Kenny and Eagle hill cases, and blanks	146 50
J A Lord, police	4 00
C F Chapman, supplies	4 20
G A Schofield, cash paid witnesses, Garrette case	26 30
Gen Appleton Post, G. A. R., (Memorial day)	150 00
Millea & O'Donnell, expenses, Garrette case	7 00
A S Garland, cash paid witnesses, Eagle Hill case	67 90
J H Lakeman, painting	14 25
Fairbanks Co, scale books	14 65
T A Howe, express	50
Chas H Rollins, labor on common	47 08
Geo E Macarthur, care of prisoner . . .	8 00
E R Smith, supplies	10 62
Walter Sheppard, ringing bell	49 93
Hobbs, Warren Co, blanks	15 77
A D Mallard, express	2 60
J A Blake, supplies	4 80
G A Schofield, expenses, telephones, carfares, meals and cash paid out . . .	35 87
Chas G Hull, perambulating line	3 00
Luther Wait, stamps	11 97

Worthington Mansfield, distributing reports	$ 1 00	
Chas M Perley, distributing reports	1 70	
O F Thompson, " "	3 00	
Harry Bowen, " "	3 00	
Albert S Hills " "	3 00	
James Scott, " "	3 00	
Little, Brown & Co, supplies	2 50	
G L Woodbury, clam police	11 50	
The Michie Co, town law book	10 00	
Jackson Ex Co, express	9 75	
American Ex Co, express	1 65	
Chas Olson, dinners, election officers and registrars	38 00	
Olive P Smith, stamps	5 90	
Chas W Bamford, stamps	34 67	
		$5582 57

REPAIRS ON COGSWELL SCHOOLHOUSE.

Paid

Nath'l Archer, labor	$7 50	
Irving Brown, "	7 50	
E S Hutchins, "	21 25	
Geo H Lord, "	27 50	
Asa Brown, "	30 00	
J H Lakeman, "	45 29	
		$139 04

BOARD OF HEALTH.

The following bills have been paid by order of the Board of Health.

Paid

Ellen T Coakley, nurse	$ 3 75
Geo E Macarthur, physician	3 00
Geo W Smith, stamps	2 29
Geo W Smith, supplies	2 25
C E Ames, physician	60 00
J R Richards, health officer	46 75
H F Fall, " "	40 00
Elmer C Smith, " "	3 50
Valorous Grant, " "	1 50
James A Lord, " "	2 00
Wm H Jewett, " "	3 00
James Sheppard, " "	37 00
John F Campbell, nurse	32 00
A C Damon, furniture	32 15
T B Fall & Son, coal	4 75
Geo W Tozer, groceries	3 72
Edw F Brown, medicine	7 30
John A Blake, medicine	1 50
F T Goodhue, groceries	28 14
D W Kimball, meat	3 73
Eleanor Holland, nurse	105 00
F A Marr, milk	30
G F Langdon, clothing	10 15
James Peters, nurse	84 00
Geo E Macarthur, physician	20 00
Chas E Ames, physician	20 00
S N Baker, clothing	3 30
D A Grady, teams	28 00
Wm Cameron, rent	8 00
F T Goodhue, groceries	13 98

F T Goodhue, groceries	$33 45
A D Mallard, team	2 00
A H Plouff, stove	5 00
P E Clarke, disinfecting	12 00
C G Hull, labor	1 25
C E Ames, physician	12 00
P R Eames, rent of building	5 00
J W Goodhue, supples	46
Agawam Stables, team	1 00
J W Griffing, extra salary	27 00
Geo W Smith, " "	22 00
Levi W Mallard, extra salary	27 00
A H Plouff, furniture	15 85
S N Baker, clothing	14 75
F T Goodhue, groceries	11 42
D W Kimball, prov	10 26
P E Clark, funeral	45 00
John M Dunnels, supplies	2 20
Chas G Spiller, clothing	34 00
G F Langdon, clothing	10 90
Edw F Brown, medicine	6 00
Chas G Hull, labor	3 75
W E Lord, clothing	22 17
W S Russell, clothing	4 48
C H Brooks, table	2 50
Medley Parlee, nurse	16 00
T B Fall & Son, coal	9 75
Geo Tozer, meat	47
David A Grady, carriages	16 00
Eleanor Holland, nurse	45 00
Chas E Ames, physician	16 00
Geo E Macarthur, physician	20 00
Mrs C S Tyler, dry goods	1 65
Chas Palmer, physician	2 00
D A Grady, teams	4 15
E R Smith, medicine	2 50
A C Damon, furniture	8 00

Edwin Lathrop, nurse	$ 3 00	
Mary A Foster, nurse	27 00	
N J Bolles, groceries	4 69	
E F Brown & Co, medicine	3 00	
E R Smith, medicine	1 65	
Dr Wm E Tucker, physician	18 50	
Dr G G Bailey, physician	20 00	
Mrs Hiram Parlee, board	15 00	
Wm Cameron, rent	69 00	
Geo E Bousley, serving warrant	2 62	
Geo G Bailey, physician	8 00	
A D Mallard, team	1 00	
M Young, furniture destroyed	75 00	
Nellie M Sullivan, nurse	105 00	
D A Grady, team	3 50	
W E Tucker, physician	68 50	
A S Garland, killing dog	1 00	
F G Brown & Co, groceries	21 71	
J M Dunnels, supplies	3 60	
Chronicle Pub Co, publishing regulations	17 00	
		$1553 21

DR. SUMMARY. CR.

To appropriation for current expenses	$3000 00	By bills paid	
Sinking Fund	2446 22	Town House	$1294 37
Hydrant service	1651 00	Tree Warden	715 86
Memorial Day	150 00	Parks	299 09
Cemeteries	1300 00	Cemeteries	1613 43
Commons	350 00	Soldiers' Relief	1214 95
Small Pox cases	500 00	Police Supplies	49 32
Tree Warden	600 00	Sinking Fund	2446 22
Historical Socieiy	200 00	Hydrant Service	1651 00
Garrette case	1538 64	Miscellaneous	5582 57
Kenney case note	1531 48	Board of Health	1553 21
Amt transferred from receipts	3291 72	Repairs on Schoolhouse	139 04
Total	$16559 06	Total	$16559 06

POLICE REPORT.

For the year ending, Dec. 31, 1902.

To the Honorable Board of Selectmen:

I submit the following report:—

Whole number of arrests made during the year;

Assault and battery	36
Assault with intent to kill	2
Adultery	2
Breach of peace	26
Drunk	140
Inquests	3
Larceny	12
Liquor nuisances	4
Malicious mischief	2
Non-support	4
Nuisance	2
Obstructing officer	1
Search warrant	4
Unlawful use of milk cans	5
Threats	2
Violating town by-laws	2
Violating game law	2
Violating clam law	5
Violating liquor law	1
Vagrant	3
Wilful mischief	2
Total	260

Disposition of Cases:

Committed to House of Correction	74
" " Salem Jail	6
Defaulted	49
Discharged	44
Fines paid	80
Inquests	3
Search warrants	4
Total	260

MISCELLANEOUS.

Number of injured persons rendered assistance	2
Buildings found open and secured	6
Lights found burning and extinguished	4
Cases investigated where no arrests were made	7
Dogs killed	1
Horses	1
Lost children	2
Escaped patients from Insane Asylum	1
Committed to Danvers Insane Asylum	2
Amount of Stolen Property Recovered	$254 00
" " " Found	$13 00

Respectfully submitted,

Chas. T. Littlefield, Chief of Police.

TRAMP EPORT.

For the year ending, Dec. 31, 1902.

Whole number of tramps cared for at the Police Station 761 as seen by the following report:

January	109
February	100
March	159
April	87
May	70
June	76
July	18
August	16
September	29
October	40
November	63
December	54
Total	761

Respectfully submitted,

Chas. T. Littlefield, Chief of Police.

Ipswich, Jan. 1, 1903.

STATEMENT TOWN PROPERTY.

Real Estate.

Town Farm, land and buildings.
Town House, lot and furnishings.
Cemeteries.
5 Engine Houses and land.
10 School Houses and land.
Woodland at Linebrook.
Woodland at Common Fields.
Turkey Shore Pasture.
Thatch Bank (Great Flats)
Thatch Bank (Third creek)
2 Gravel pits, Washington street.
Gravel Pit, near J C Carlisle's.
Pound.

All sand and clam flats, and all other property granted to the inhabitants of Ipswich by the Commoners in 1787, which has not since been sold.

Personal Property.

Furniture and other property at the Farm.
Fire Engines and Apparatus.
Fire Alarm System.
Hearse.
Furniture at Town House.
Hay Scales (2)
Safe for Treasurer and Clerk.
Town Horses, Carts, Harness, etc.
Road Machine and other Highway Dept. property.
Town Clock.

LIST OF JURORS.

List of Jurors prepared by the Selectmen, to be submitted to the voters at the Annual Town Meeting, March 2, 1903.

Name	Street	Occupation
Abel, Clark O	So. Main	Machinist
Appleton, Daniel S	High	Farmer
Atkinson, Wesley B	Turkey shore rd	Fish dealer
Augur, Willis, L	County	Insurance Agent
Bamford, Chester W	Washington	Insurance Agent
Barker, George	Central	Retired
Baker, John H	High	Laborer
Brown, A. Story	Candlewood rd	Farmer
Brown, Edward F	High	Druggist
Brown, E. Newton	Candlewood rd	Farmer
Brown, Charles G	Essex rd	Farmer
Boynton, Warren	So Main	Retired
Chapman, Clifford F	Washington	Harness Maker
Chapman, Edward I	Linebrook rd	Farmer
Clark, Wm. A	High	Laborer
Choate, Edward W	East	Carpenter
Conant, Arthur W	East	Surveyor
Cross, Fred G	Candlewood rd	Farmer
Cummings, Chas. S	Brown	Insurance Agent
Cummings, Edgar R	Brown	Printer
Daniels, Lyman H	North Main	Salesman
Dodge, John E	Prospect	Carriage Painter
Dole, Edward	High	Farmer
Fellows, Moses	East	Retired
Glover, John S	East	Merchant
Glover, James S	East	Retired
Gould, Walter F	Boardman	Farmer
Gove, Robt L	Green	Fisherman
Green, George H	Turkey Shore rd	Retired
Griffing, James	Washington	Retired

Name	Street	Occupation
Grimes, Moses H	High	Retired
Glasier, Charles H	Summer	Carpenter
Gallagher, James E	Market	Hairdresser
Hall, Emory A	Turkey Shore rd	Fisherman
Hodgkins, Daniel A	County	Carpenter
Haskell, George	Manning	Undertaker
Hills, Orrie M	Linebrook rd	Farmer
Hills, Albert P	Manning	Merchant
Kinsman, J Farley	Beach rd	Farmer
Lakeman, J Howard	Wildes ct	Painter
Lord, George H	Summer	Carpenter
Lord, Aaron	High	Retired
Lord, George A	High	Retired
Lord, George E	High	Farmer
Lord, Austin L	High	Mason
Lord, Walter E	High	Merchant
Lord, Frank H	Mineral	Clerk
Mansfield, John W	Candlewood rd	Artist
Noyes, Charles H	East	Janitor
Perkins, Isaac E B	Green	Merchant
Perley, Charles M	Linebrook rd	Farmer
Plouff, Augustine H	Turkey Shore rd	Merchant
Poole, Edwin M	Green	Engineer
Rand, William H	Manning	Tinsmith
Reilly, William P	County	Clerk
Ross, Frank A	Washington	Mason
Spencer, George	Highland ave	Mason
Stone, Daniel W	Hovey	Laborer
Stone, William A	Mineral	Clerk
Tyler, Charles S	Central	Merchant
Underhill, N Rawson	Linebrook rd	Farmer
Walton, Arthur H	Maple ave	Painter

George A. Schofield,
Charles E. Goodhue,
Charles G. Hull,
} Selectmen of Ipswich.

Ipswich, Feb. 2, 1903.

STATE AND MILITARY AID.

COMMONWEALTH.

DR.

To amt due for state aid, Jan. 1, 1902 . . .	$3317 00	
To amt due for military aid, Jan. 1, 1902 .	45 00	
To amt pd for state aid, Jan. 1, 1903 . . .	3348 00	
To amt pd for military aid, Jan. 1, 1903 . .	36 00	
		$6746 00

CR.

By cash received for state aid	$3305 00	
By cash received for military aid	44 00	
By amt due for state aid	3348 00	
By amt due for military aid	36 00	
Disallowed state aid	13 00	
		$6746 00

DEBT STATEMENT.

Town of Ipswich.

DR.

To notes payable	$23078 64	
To orders drawn and not paid	1138 42	
		$24217 06

CR.

By cash in Treasurer's hands	$3646 65	
Bills due Farm in Treasurer's hands, 1902	227 94	
Old bills due Farm in Treasurer's hands	288 62	
Uncollected taxes	4519 04	
Amt due the town from state aid	3348 00	
" " " " for military aid . . .	36 00	
" " " " " burial of soldiers .	140 00	
" " " " " concrete work . .	62 45	
" " " " on Poor account, 1902	318 38	
" " " " on Poor account old bills	179 09	
" " " " corporation tax, 1902 .	904 05	
" " " " for schooling	195 00	
" " " " contagious disease cases 1902	92 84	
		$13949 06
Total town debt exclusive of Water Bonds		$10268 00

The Town Debt as compared with last year is as follows:

Total debt, Jan. 1, 1903	$10,268 00
Total debt, Jan. 1, 1902	9,639 84
Increase in debt	$628 16

The increase is due to the fact that the town has voted to borrow $500.00 on notes to pay to estate of George P. Smith and also that $1538.64 has been borrowed in anticipation of the taxes of 1903 to pay the verdict against the town in the Garrette cases.

The financial condition of the treasury Jan. 1, 1903 was as follows:

Cash on hand Jan. 1, 1903	$3646 65	
Bills due town exclusive of State and military aid	6918 41	
		$10565 06
Less undrawn orders		1138 42
Balance in favor of Town		$9426 64

From the above balance there should be deducted $1202.04 insurance money on the Cogswell schoolhouse which is the unexpended amount of the insurance, Jan. 1, 1903. The selectmen do not wish to claim credit for this as part of their balance. Deducting this would leave the actual balance in favor of the Town $8224.60.

We submit the above figures with every confidence that you will agree that the Town has had a very prosperous year. A study of the report will show that there has been a number of unusual expenses, and the total amount paid out this year was nearly $8000 more than last year, but in spite of that, and in spite of the fact that the tax rate was dropped from $12. to $11. this year, the Town has a balance on hand of $8224.60, with an

increase of only $628.16 in its standing debt. The increased expenses were caused by an increase of $2000 on the snow account, $1538.64 for Garrette case, $1531.48 for the Kenney case, $1200 for small pox cases, and $500 for the Geo. P. Smith case. It will readily be seen that these expenses were unavoidable.

We have continued the wall along the front of Water street this year, and have provided a convenient dump. The foundation for a new street is now completed from Summer street to Hovey street. Another section from Hovey street to Stanwoods wharf should be completed this year, and unless the Town votes otherwise, we trust that the next Board of Selectmen will complete the work.

During the past year the case of Garrette vs. the Town, and the case of Kenny vs. the Town have both been tried, and in each case damages were awarded against the Town. The Selectmen fought both cases to the end, as instructed by the Town.

Our suggestions as regards appropriations can be made better at the coming meeting than at the present time.

In the death of John W. Patterson, a constable and police officer, and Erastus Clark, Superintendent of Cemeteries, the Town has lost two faithful and upright officials, and the people have lost two men who held warm places in the hearts of all who knew them. They deserved and won the warm support and the confidence of their fellow townsmen.

In conclusion we wish to extend our earnest thanks to our fellow town officials, and to the people of the town for the support and assistance they have given us. We wish especially to thank Town Treasurer Bamford for his efforts. A new man in the office, and following a man who was tried and experienced, his task was no easy one to keep up the standard, but it must be said to his credit, that he has labored hard, and has been successful.

If by our work we have succeeded in conducting the business of the Town in a manner which merits your approval, we are

content. We have done what we thought to be best for all concerned. We submit the record of our work for your inspection, and we hope for your approval.

George A. Schofield,
Charles E. Goodhue,
Charles G. Hull,
} Selectmen of Ipswich.

Ipswich, Jan. 1, 1903.

This is to certify that I have examined the books of the Selectmen. Assessors and Overseers of the Poor, and find them correct with proper vouchers for all bills paid.

HENRY F. DUNNELS, Auditor.

CHARLES W. BAMFORD, Treasurer and Collector, in Account with the Town of Ipswich, for the Year Ending, December 31, 1902.

DR.

To balance on hand		$5294 41
To amt received, Poor account, 1901	$ 306 66	
" " " " 1902	1112 81	
" " A S Garland, rent of hall	658 00	
" " dog licenses	302 76	
" " licenses, pool, billiards, etc	50 00	
" " school tuition	515 37	
" " farm sales, 1901 bills	122 96	
" " " " 1902 bills	2304 34	
" " criminal fines	165 98	
" " sealing scales	2 18	
" " temporary loan	2500 00	

DR.

To amt received tax loan	21000	00
" " corporation tax	9368	24
" " bank tax	661	97
" " Mass. street R. R. tax	1142	45
" " Mass. tem. aid paupers	48	26
" " Mass. burial indigent S. and S.	70	00
" " state aid	3305	00
" " military aid	44	00
" " Mass. smallpox case	357	89
" " Beverly smallpox case	349	65
" " Town scales, Howard S Hills	109	08
" " Town scales L E Willcomb	9	30
" " Essex Co, reimburse seal bounty	105	00
" " dirt from streets	31	40
" " Cemetery lots	295	00
" " liquor license	5404	00
" " note, Smith claim	500	00
" " note, payment Lord note	1800	00
" " note, anticipation tax, 1903	1538	64
" " insurance, school house	1341	08
" " concrete	137	07
" " H. L. Ordway, work on trees	51	83
" " miscellaneous	47	06
" " interest on taxes	83	25
To unpaid taxes, 1901	2145	85
" State taxes, 1902	2008	43
" County taxes, 1902	3026	15
" Town taxes, 1902	35687	98
" G. R. & I. St. R. R., excise tax	47	62
" Boston & Northern St. R. R., excise tax	763	08
" undrawn orders	1138	42
		$100659.76
		$105953 17

CR.

By pd Commonwealth, on acct Liquor licenses	$1351 00	
" Bounty, seal tails	105 00	
" Manning School Trustees, Tuition	149 40	
" Orders of Court	44 34	
" Clearing house charge on check	1 34	
" Refund on overcharge	1 06	
" State Aid	3348 00	
" Military Aid	72 00	
" Refund of tax	3 20	
" Tax notes	19000 00	
" Temporary loans	2500 00	
" Beach Road note	300 00	
" Smith note	100 00	
" Rowley Road note	500 00	
" L Emma Condon, note	675 00	
" Lydia H Lord, note	1800 00	
" Gould's Bridge, note	500 00	
" Winthrop School, note	1000 00	
" Green Street Bridge, note	500 00	
" Interest on Town notes	1323 10	
" State tax	1650 00	
" National Bank tax	374 09	
" Essex County tax	3026 15	
" Discount on taxes	527 85	
" Abatements, 1901	105 46	
" Uncollected taxes, 1901	197 43	
" Abatements, 1902	346 78	
" Uncollected taxes, 1902	4312 61	
By Undrawn orders, 1901	893 22	
By paid Amt of Selectmen's orders, 1902	57599 49	
		$102306.52
By balance on hand		3646.65
		$105953.17

This is to certify that I have examined the books and accounts of the Treasurer for the year ending Dec. 31st, 1902 and find them to be correct, and find that the above balance sheet is a correct statement of the total amount of money received, disbursed and on hand. I also find proper vouchers and receipts for all payments made by the Treasurer.

Henry F. Dunnels, Auditor.

Ipswich, Jan. 24th, 1903.

FUNDS LEFT IN TRUST WITH THE TOWN FOR CARE OF BURIALS LOTS.

In account with Charles W. Bamford, Treasurer.

ANDREWS LOT.

DR.

To amt in Ips Savings Bank, Jan. 1902	$201 70
To int to Jan, 1903	7 61
	$209 31

CR.

By paid Luther Lord care of lot	$2 00
" Wm H Kirk, care of lot	2 50
	$4 50
By amt in Savings Bank, Jan. 1903	$204 81
	$209 31

BIRCH LOT.

DR.

To amt in Savings Bank, Jan. 1902	$50 58
" Interest Jan 1903	1 89
	$52 47

CR.

By paid Luther Lord, care of lot	$2 00
" amt in Savings bank, Jan. 1903	50 47
	$52 47

SAMUEL BLOOD FUND.

DR.

To amt in Ips. Savings bank, Jan. 1902	$53 68
To interest, Jan. 1903	2 01
	$55 69

CR.

By paid Wm H Kirk, care of lot	$ 1 00
By amt in Ipswich savings bank, Jan. 1903 . . .	54 69
	$55 69

PHILIP E. CLARK FUND.

DR.

To amt in Ips savings bank, 1902	$106 86
To interest, Jan. 1903	4 01
	$110 87

CR,

By paid Luther Lord, care of lot	$ 2 00
By amt in Ips saving bank	108 87
	$110 87

JOEL CALDWELL FUND.

DR.

To amt in Ips. savings bank, Jan. 1902	$100 54
To interest, Jan. 1903	3 79
	$104 33

CR.

By cash paid Luther Lord, care of lot	$ 4 00
By amt in Savings bank, 1903	100 33
	$104 33

COGSWELL FUND.

DR.

To amt in Ips. savings bank, Jan. 1902	$288 74
To interest, Jan. 1903	10 91
	$299 65

CR.

By amt. paid W H Kirk, care of lot	$ 2 00
By amt in Savings bank, 1903	297 65
	$299 65

DAWSON FUND.

DR.

To amt in Ips savings bank, Jan. 1902	$ 111 78
To interest, Jan 1903	4 22
	$116 00

CR.

By amt paid Luther Lord, care of lot	$2 00
By amt in Ips savings bank, Jan. 1903	114 00
	$116 00

MARY S. FARLEY FUND.

DR.

To amt in Ips savings bank, Jan. 1902	$102 00
To interest, Jan. 1903	3 86
	$105 86

CR.

By amt paid Luther Lord, care of lot	$2 00
By amt in Savings bank, Jan. 1903	103 86
	$105 86

GEORGE L. HOVEY FUND.

DR.

To amt in Savings bank, Jan. 1902	$101 00
" interest, Jan. 1903	3 82
	$104 82

CR.

By amt paid Luther Lord, care of lot	$2 00
By amt paid Luther Lord, labor	1 00
	$3 00
By amt in Savings bank, Jan. 1903	$101 82
	$104 82

MARY HASKELL FUND.

DR.

To amt in Savings bank, Jan. 1902	$50 77
To interest, Jan. 1903	1 89
	$52 66

CR.

By amt paid Luther Lord, care of lot	$1 00
By amt paid Luther Lord, labor	1 00
	2 00
By amt in Savings bank, Jan. 1903	50 66
	$52 66

GEORGE KINSMAN FUND.

DR.

To amt in Ips Savings Bank, Jan. 1902	$101 02
To int to Jan, 1903	3 82
	$104 84

CR.

By amt paid Luther Lord care of lot	$2 00
By amt in Savings Bank, Jan. 1903	$102 84
	$104 84

HANNAH KIMBALL FUND.

DR.

To amt in Savings Bank, Jan. 1902	$113 28
" Interest Jan 1903	4 27
	$117 55

CR.

By amt paid Luther Lord, care of lot	$2 00
	$115 55
	$117 55

EBEN KIMBALL FUND.

DR.

To amt in Savings bank, Jan. 1902	$126 83
" interest, Jan. 1903	4 78
	$131 61

CR.

By amt paid Luther Lord, care of lot	$2 00
By amt paid Luther Lord, labor	1 00
	$3 00
By amt in Savings bank, Jan. 1903	$128 61
	$131 61

MARTHA LAKEMAN FUND.

DR.

To amt in Ips. Savings bank, Jan. 1902	$58 98
To interest, Jan. 1903	2 21
	$61 19

CR.

By paid Luther Lord, care of lot	$ 1 25
By amt paid Luther Lord, care of lot, labor	1 00
	$2 25
	$58 94
	$ 61 19

JOHN PINGREE FUND.

DR.

To amt in Ips savings bank, 1902	$ 75 99
To interest, Jan. 1903	2 85
	$78 84

CR.

By amt, paid Luther Lord, care of lot	$ 2 00
By amt in Ips Savings bank, Jan. 1903	76 84
	$78 84

RHODA POTTER FUND.

DR.

To amt in Ips. savings bank, Jan. 1902	$103 32
To interest, Jan. 1903	3 90
	$107 22

CR.

By amt paid Wm H Kirk, care of lot	$ 2 00
By amt in Ipswich savings bank, Jan. 1903 . . .	105 22
	$107 22

ROGERS & JOHNSON FUND.

DR.

To amt in Ips. savings bank, Jan. 1902	$102 62
To interest, Jan. 1903	3 86
	$106 48

CR.

By amt. paid Luther Lord care of lot	$ 3 00
By amt in Ips Savings bank, 1903	103 48
	$106 48

STANIFORD FUND.

DR.

To amt in Ips savings bank, Jan. 1902	$ 83 96
To interest, Jan. 1903	3 15
	$ 87 11

CR.

By amt paid Wm H Kirk, care of lot	$1 00
By amt in Ips savings bank, Jan. 1903	86 11
	$ 87 11

SUSAN TROW FUND.

DR.

To amt in Ips savings bank, Jan. 1902	$347 06
To interest, Jan. 1903	13 14
	$360 20

CR.

By amt paid Wm H. Kirk, care of lot	$2 00
By amt in Savings bank, Jan. 1903	358 20
	$360 20

AARON KINSMAN FUND.

DR.

To amt in Savings bank, Jan. 1902	$50 46
To interest, Jan 1903	1 89
	$52 35

CR.

By amt paid Luther Lord, care of lot	$2 00
By amt in Savings bank, Jan. 1903	50 35
	$52 35

WILLIAM KINSMAN FUND.

DR.

To amt in Ipswich savings bank, Jan. 1902	$55 86
To interest, Jan. 1903	3 26
	$59 12

CR.

By amt paid Wm H Kirk, care of lot	1 00
By amt in Savings bank, Jan. 1903	58 12
	$59 12

JOHN B. LAMSON FUND.

DR.

To amt in Savings bank, Jan. 1902	$ 50 00
To interest, Jan. 1903	1 89
	$51 89

CR.

By amt paid Luther Lord, labor	$2 00
	$49 89
	$51 89

CATHERINE B. VARRELL FUND.

DR.

To amt in Ips Savings Bank, Jan. 1902	$227 56
To int to Jan, 1903	8 60
	$236 16

CR.

By amt paid Luther Lord care of lot	$2 00
By amt in Savings Bank, Jan. 1903	$234 16
	$236 16

MARY WILLCOMB FUND.

DR.

To amt in Savings Bank, Jan. 1902	$ 62 30
" Interest Jan 1903	2 34
	$ 64 64

CR.

By amt paid Luther Lord, care of lot	$2 00
By amt in Ips savings bank, Jan. 1903	$62 64
	$ 64 64

MARY E. YOUNG FUND.

DR.

To amt in Savings bank, Jan. 1902	$ 25 48
" interest, Jan. 1903	94
	$ 26 42

CR.

By amt paid Luther Lord, care of lot	$1 00
By amt in Savings bank, Jan. 1903	$ 25 42
	$ 26 42

GIDDINGS FUND.

DR.

To amt in Ipswich savings bank, Jan. 1902	$121 54
To interest, Jan. 1903	4 57
	$126 11

CR.

By amt paid Wm H Kirk, care of lot	2 00
By amt in Savings bank, Jan. 1903	124 11
	$126 11

EDWARD PLOUFF FUND.

DR.

To amt in Savings bank, Jan. 1902	$50 50
To interest, Jan. 1903	1 89
	$51 89

CR.

By amt in Savings bank, Jan. 1903	51 89

JOSIAH LORD FUND.

DR.

To amt in Ips. Savings bank, Oct. 24, 1902	$100 00
To interest, Jan. 1903	88
	$100 88

CR.

By amt in Savings bank, Jan. 1903	$100 88

MARY E. PEATFIELD FUND.

DR.

To amt in Ips savings bank, Sept. 16,1902	$ 50 00
To interest, Jan. 1903	44
	$50 44

CR.

By amt in Ips Savings bank, Jan. 1903	$50 44

LUCY F. SPILLER FUND.

DR.

To amt in Ips. savings bank, Sept. 25, 1902	$50 00
To interest, Jan. 1903	44
	$ 50 44

CR.

By amt in Ipswich savings bank, Jan. 1903	$50 44

JOSEPH SPILLER FUND.

DR.

To amt in Ips. savings bank, Feb 28, 1902	$ 50 00
To interest, Jan. 1903	1 38
	$ 51 38

CR.

By amt in Ips Savings bank, 1903	$51 38

EBEN CALDWELL FUND.

DR.

To amt in Ips savings bank, Jan. 1903	$ 100 00

CR.

By amt in Ips savings bank, Jan. 1903	$100 00

COBURN FUND.

DR.

To amt in Ips savings bank, Jan. 1902	$210 24
To interest, Jan. 1903	7 95
	$218 19

CR.

By amt in Ips savings bank, Jan. 1903	$218 19

LOCUST GROVE CEMETERY FUND.

DR.

To amt in Savings bank, Jan. 1902	$381 63
To interest, Jan. 1903	13 45
	$395 08

CR.

By amt paid Luther Lord, labor in cemetery	$29 82
" " Luther A. Lord, labor in cemetery . . .	11 00
" " Greenleaf A. Pickard, labor in cemetery	11 20
" " Greenleaf A. Pickard, labor in cemetery	3 60
Total Paid	$ 55 62
By amt in Savings bank, Jan. 1903	$339 46

TOWN OF IPSWICH

NINTH ANNUAL REPORT

— OF THE —

WATER COMMISSIONERS

FOR THE YEAR 1902.

Ipswich, Mass.:
The Chronicle Motor Print.
1903.

OFFICERS OF THE WATER DEPARTMENT.

COMMISSIONERS.

Augustine H. Plouff, Chairman.	Term expires 1903
William H. Rand,	" " 1904
Charles W. Brown,	" " 1905

CLERK.

Charles M. Kelly, Office First National Bank

ENGINEER.

Edmund A. Russell.

Office of Water Board, Room 4, Town House

Meetings held every Monday at 7 P. M.

REPORT OF THE WATER COMMISSIONERS.

To the Citizens of Ipswich :—

The Ipswich Water Board respectfully submit their 9th annual report of the department for the year ending Dec. 31, 1902, together with the report of Trustees and Engineer for the same.

It will be seen by the report that there is a gradual increase of income for water rates over last year, the income from water rates the past year being $8487.00 an increase over last year of $569.04.

Your board has had some extra expenses this year at the reservoir. The ice had lifted the rocks out of place and they had to be laid over to keep them from sliding down into the reservoir. One item of expense your board has been very fortunate in, was by securing a supply of coal at a very low price.

The Board of Commissioners estimate receipts for 1903 to be $8,500, the disbursements $11,911.84, as follows:

Sinking Fund, $2,531.84; Maintenance, $3000; Services, $500; Interest on Bonds, $5880.

They recommend appropriations to be levied by taxation as follows: 127 hydrants at $13.00 per hydrant for fire service amounting to $1,651. and $2,531.84 for sinking fund. These together with the income from water sales will enable them to meet the ordinary expenses for the year 1903.

A. H. Plouff,
W. H. Rand,
Chas. W. Brown, } Commissioners.

ENGINEER'S REPORT.

To the Board of Water Commissioners:—

Gentlemen:—Following is the report for the year ending December 31, 1902.

MAIN PIPES.

During the year the Turkey Shore Road Main has been extended with 405 feet of 2 inch galvanized iron pipe and 1 street gate. The number of feet of mains laid to date and the sizes are as follows:

Sizes	Feet
14 inch	1,505
12 inch	10,963
10 inch	8,830
8 inch	17,897
6 inch	39,242
2 inch	405

Total 78,852 feet=14 miles and 4.932 feet.

STREET GATES.

The total number now set is 136

HYDRANTS.

They are all in good working order, the total number now set is as follows:

Town	127
Private	10
Total	137

SERVICE PIPES.

Twenty-five services have been added this year. Total number of services connected with works to date 697. Number discontinued 6.

Number of families using water on Jan. 1, 1903 . . . 724
Number faucets sealed, Jan. 1, 1903 82

Twelve services are shut off at the sidewalk. These do not include services supplying sillcock only, or those of summer residences.

Following is an account of the number of services added also the number of feet of service pipe laid (by years) since the works were put in.

Year	No. of services added	Town Ft.	Town In.	Private Ft.	Private In.	Total Ft.	Total In.
1894	181	4,470	4	2,771	2	7,241	6
1895	218	5,312	3	6,051	5	11,363	8
1896	110	2,391	9	2,616	5	5,008	2
1897	32	896	6	1,991	6	2,888	
1898	42	1,112	7	1,318	3	2,430	10
1899	34	842	1	1,335	10	1,177	11
1900	30	641	2	2,741	4	3,382	6
1901	25	517	4	1,209	5	1,726	9
1902	25	580	1	3,657	2	4,237	3
9	697	16,764	1	23,692	6	40,456	7

Total 40,456 feet 7 inches or = 7 miles 3.496 feet 7 inches. The pipes used are cast iron, lead and galvanized iron, sizes from 3-4 to 3 in.

METERS.

Twenty-seven meters have been added this year, the total number now in use is as follows :

Name	Sizes			Total
	1 in.	3-4 in.	5-8 in.	
Crown piston	2		54	56
Empire piston			42	42
Hersey disc	1		34	35
Lambert disc			2	2
Niagara disc		21	10	31
Trident disc			2	2
Nash disc			4	4
Union rotary			1	1
Columbia turbine			1	1
Elevator indicator	1			1
Total, ... 10	4	21	150	175

SYNOPSIS OF THE PUMPING RECORDS FOR THE YEAR ENDING DEC. 31, 1902.

1902	Total pumping time per month		Total amount of coal used per month	Average amount of coal used per day	Total number gallons water pumped per month	Average number gallons water pumped per day	Gals water pumped to 1 lb. coal used while pumping
Month	Hrs	Min.	Lbs.	Lbs	Gallons	Gallons	Gals
January	39	45	21,252	.686	3,019,730	97,410	.346
February	30	5	17,353	.620	2,173,599	77,628	.350
March	30		17,707	.571	2,206,190	71,167	.329
April	38	45	17,769	.592	2,968,140	95,746	.317
May	53		21,248	.685	4,018,450	129,627	.322
June	72	20	28,242	.941	5,695,210	189,840	.304
July	72	45	26,882	.868	5,201,903	167.803	.293
August	56	15	20,477	.660	3,998,577	128,986	.338
September	52	10	20,691	.690	3,351,860	111,728	.258
October	44	15	17,179	.554	2,779,799	89,671	.276
November	41	30	17,098	.570	2,494,846	83,161	.301
December	36	15	20,542	662	2,206,148	71,166	.258
Total for year	567	5	246440		40,114,453		
Daily av. for yr.				.675		109,902	

Amount of coal consumed during the year 110 tons 40 lbs.

The buildings and machinery at the pumping station are in good condition. The boilers have been inspected quarterly by the Mutual Steam Boiler Inspection and Insurance Company.

Respectfully submitted,

Edmund A. Russell, Engineer.

Ipswich, January 12, 1903.

I. LIST OF BILLS AND AMOUNTS PAID FOR THE YEAR ENDING DECEMBER 31, 1902.

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
1	Prince A Allen	services to Jan 4	$16 50	mainten'ce
	" "	fares	60	"
2	Frank T Goodhue,	4 galls oil	48	services
3	John W Goodhue	supplies	1 54	mainten'ce
	" "	"	85	services
4	American Ex Co	express	20	"
5	B & M R R	freight	40	mainten'ce
6	Thos A Howe	teaming	50	"
7	Thos Scahill	labor on wires	2 10	"
8	Boston Belting Co	1 pr acid mittens	1 84	"
9	Prince A Allen	services to Jan 11	16 50	"
	" "	fares	50	"
10	John A Blake	telephone	8 39	"
11	Prince A Allen	services Jan 18	16 50	"
	" "	fares	60	"
12	Freeman C Coffin	services on filters	71 43	filter
13	National Meter Co	repairing meter	2 75	rep. servi's
14	Prince A Allen	service to Jan 25	16 50	mainten'ce
	" "	fares	50	"
15	Ebin R Smith	office supplies	4 56	"
16	John Cronin	labor	70	reps servi's
17	N J Bolles	5 gals gasoline	80	services
18	Prince A Allen	services to Feb 1	16 50	mainten'es
	" "	fares	60	"
19	Olive P Smith, P M	stamps	5 00	"
20	Charles S Tyler	labor	1 00	"
	" "	"	25	services
21	Prince A Allen	services to Feb 8	16 50	mainten'es
	" "	fares	60	"
22	Bos Steam Spec Co	cotton waste	9 38	"
23	National Meter Co	repairing meter	3 25	reps servi's
24	Prince A Allen	services to Feb 15	16 50	mainten'ce

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
	Prince A Allen	fares	$ 60	mainten'ce
25	A H Plouff	supplies	1 92	"
	"	"	85	services
	"	"	90	filter
26	Prince A Allen	services to Feb 22	16 50	mainten'ce
	" "	fares	30	"
27	A H Plouff	meter	8 00	services
28	Walter E Lord	expenses	2 30	mainten'ce
29	Geo H W Hayes	services	2 00	"
30	Adams & Co	prin & int on bonds	151 92	"
31	Prince A Allen	services to Mar 1	16 50	"
	"	fares	50	"
32	Jackson Ex Co	express	15	"
	"	"	1 55	rep. servi's
	"	"	50	services
33	Prince A Allen	services to Mar 8	16 50	mainten'ce
	" "	fares	60	"
34	Fred Campter	labor	70	"
35	A H Plouff	expenses to Salem	96	"
36	Prince A Allen	services to Mar 15	16 50	mainten'ce
	" "	fares	50	"
37	B & M R R	mileage book	10 00	"
38	Prince A Allen	services to Mar 22	16 50	"
	" "	fares	50	"
39	Albert Norwood	labor	3 50	"
40	Geo A Schofield	annual reports	101 50	"
41	Olive P Smith, P M	envelopes	11 20	"
42	Albert Norwood	labor	7 95	"
43	Prince A Allen	services to Mar 29	16 50	"
	" "	fares	50	"
44	Cot & W M M In Co	insurance	40 42	"
45	Prince A Allen	services to April 5	17 00	"
	"	fares	50	"
46	J Albert Norwood	labor	9 00	"
47	M T Davison	supplies for pumps	5 50	"
48	Bos Steam Spec Co	pipe and fittings	45 16	services
49	B & M R R	freight	2 66	"
50	Pirrin Seaman & Co	exploders	1 93	mainten'ce
51	Albert D Mallard	teaming	15	"
	"	"	75	services
52	B & M R R	freight	65	"
53	J Albert Norwood	labor	4 50	mainten'ce
54	National Lead Co	lead pipe	56 54	services

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
55	Prince A Allen	services to April 12	$ 17 00	mainten'ce
	"	fares	60	"
56	B & M R R Co	freight	25	services
57	Fred Campter	labor	4 00	"
	"	"	4 00	mainten'ce
58	Arthur Thuot	"	4 00	services
59	Charles McIntire	"	2 00	"
	"	"	2 60	rep pip line
60	Alexander Moron	"	2 00	"
	"	"	1 00	mainten'ce
	"	"	4 00	services
61	J Albert Norwood	"	1 50	"
62	Prince A Allen	services to April 19	17 00	mainten'ce
	"	fares	40	"
63	Bos Steam Spec Co	fittings	65 70	services
64	G H W Hayes	services	3 00	mainten'ce
65	Prince A Allen	services to April 26	17 00	"
	"	fares	25	"
66	Geo A Schofield	printing	10 00	"
67	B & M R R	freight	25	"
	"	"	69	services
68	A H Plouff	supplies	5 05	"
	"	"	4 85	mainten'ce
69	Bos Steam Spec Co	fittings	10 80	services
70	Pirrin Seamans & Co	coupling reset	1 35	mainten'ce
71	Everett Guilford	labor	1 50	"
	"	"	1 50	rep pip lin
	"	"	6 00	services
72	Fred Campter	"	8 40	services
	"	"	1 80	rep pip lin
73	Alexander Moran	"	1 80	"
	"	"	8 00	services
74	Charles McIntire	"	8 00	"
75	Ezra Bushman	"	8 00	"
	"	"	1 80	rep pip lin
76	Everett Guilford	"	6 00	services
	"	"	3 00	mainten'ce
77	Prince A Allen	service to May 3	17 00	"
	"	fares	20	"
78	Ezra Bushman	labor	3 00	services
79	Fred Campter	"	5 00	"
80	Alexander Moran	"	3 00	"
81	A H Plouff	100 ft hose & nozzle	14 80	mainten'ce

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
82	Charles McIntire	labor	$ 5 00	services
83	Nat'l Meter Co	repairs meter	3 05	reps. serv's
84	John W Goodhue	supplies	6 23	mainte' nce
85	Everett G Damon	labor	13 90	"
86	Bos Steam Spec Co	pipe and fittings	40 63	services
87	Buffalo Meter Co	2 Niagara meters	12 80	"
	"	repairing meters	2 94	reps. serv's
88	Amer Ex Co	express	45	services
	"	"	55	mainte' nce
89	Jackson Ex Co	"	1 10	"
	"	"	65	services
90	Agawam Stables	teams	2 50	reps. serv's
	"	"	1 50	rp pipe line
	"	"	12 00	services
	"	"	8 50	mainte' nce
91	Prince A Allen	services to May 10	17 00	"
	"	fares	20	"
92	Charles McIntire	labor	12 40	services
93	Fred Campter	"	10 40	"
94	Everett Guilford	"	7 50	"
	"	"	1 50	mainte' nce
95	B & M R R Co	freight	25	services
96	Prince A Allen	services to May 17	17 00	mainte' nce
	"	fares	40	"
97	Everett Guilford	labor	6 00	"
	"	"	3 00	services
98	Fred Campter	"	3 00	"
99	Alexander Moran	"	1 00	"
100	Bos Steam Spec Co	3-4 S & W cocks	8 10	"
101	Fred Campter	labor	4 50	mainte' nce
102	C E Brown & Son	gravel and teaming	1 10	rp pipe line
103	Hersey M'f'g Co	repairing meters	2 64	reps. serv's
104	Everett Guilford	labor	6 75	filters
	"	"	1 80	mainte 'nce
105	Prince A Allen	services to May 24	17 00	"
	"	fares	40	"
106	Simon McGinnis	labor	5 70	reps. res'vr
107	"	"	6 00	"
108	Alexander Moran	"	2 60	services
109	Prince A Allen	services to May 31	17 00	mainte' nce
	"	fares	50	"
110	Peter Burnord	labor	1 80	services
111	Everett Guilford	"	2 25	"

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
	Everett Guilford	labor	$ 1 20	maint'nce
112	Charles A Dorr	"	2 00	"
113	Alexander Moran	"	7 40	service
114	Fred Campter	"	7 40	"
	"	"	4 40	reps. res'r
115	M J Judge	"	136 67	"
116	Town, highway dept	dept. use of team	3 50	services
117	David A Grady	teams	4 00	maint' nce
	"	"	14 00	services
	"	"	1 50	filters
118	American Ex Co	express	35	res. serv's
119	Prince A Allen	services to June 7	17 00	maint 'nce
	"	fares	40	"
120	Everett Guilford	labor	3 00	"
	"	"	4 50	services
121	Charles W Badger	asph. varnish	2 70	maint' nce
122	Simon McGinnis	labor	4 30	reps. resv.
123	Bos Steam Spec Co	aluminum paint	2 80	maint 'nce
124	Old Colony Trust Co	interest	2940 00	int. bonds
125	David Low	labor	8 40	maint' nce
126	Prince A Allen	services to June 14	17 00	"
	"	fares	40	"
127	Everett Guilford	labor	9 12	"
	"	"	3 45	services
128	Bos Steam Spec Co	paint	1 40	maint 'nce
129	B & M R R	freight	69	services
130	Alexander Moran	labor	70	"
131	Fred Campter	"	1 80	"
	"	"	2 00	maint' nce
132	Everett Guilford	"	6 00	"
	"	"	3 00	services
133	Prince A Allen	services to June 21	17 00	maint' nce
	"	fares	40	"
134	Nat'l Meter Co	3 Empire meters	31 20	services
135	Charles W Badger	asph. varnish	4 50	maint' nce
136	Buffalo Meter Co	3 Niagara meters	19 20	services
137	Agawam Stables	teams	4 00	"
	"	"	1 50	maint' nce
138	Fred Campter	labor	3 40	"
139	Charles McIntire	"	3 40	services
140	Everett Guilford	"	75	"
	"	"	6 00	maint' nce
141	Prince A Allen	services to June 28	17 00	"

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
	Prince A Allen	fares	$ 40	mainten'ce
142	"	services to July 5	17 00	"
	"	fares	50	"
143	Everett Guilford	labor	3 00	"
	"	"	1 50	services
	"	"	3 00	filters
144	"	"	3 00	"
	"	"	6 00	mainte' nce
145	Prince A Allen	services to July 12	17 00	"
	"	fares	50	"
146	John W Goodhue	supplies	3 59	"
	"	"	34	services
147	B & M R R	frieght	45	"
148	Simon McInnis	labor	5 40	rep reser'v.
149	Alexander Moran	"	2 40	services
150	Charles McIntire	"	4 00	"
151	Fred Campter	"	4 00	"
152	Prince A Allen	services to July 19	17 00	mainte' nce
	"	fares	40	"
153	A H Plouff	trav ex & rub'r s'tps	60	"
154	J A Morey	labor	5 00	"
155	Bos Steam Spec Co	supplies	50	"
156	Nat'l Lead Co	lead pipe	28 14	services
157	Everett Guilford	labor	4 50	"
	"	"	4 50	mainte' nce
158	E G Damon	"	12 43	"
159	Parsons Bros	"	2 00	"
160	Bos Steam Spec Co	fittings	9 75	services
161	T F Cogswell	paint	1 88	mainte' nce
162	Prince A Allen	services to July 26	17 00	"
	"	fares	50	"
163	Wm Girard	labor	2 00	services
164	Fred Campter	"	2 00	"
	"	"	80	mainte' nce
165	Everett Guilford	"	3 00	"
	"	"	1 50	services
166	Prince A Allen	services to Aug 2	17 00	mainte' nce
	"	fares	50	"
167	Fred Campter	labor	1 70	rp pipe line
168	John W Goodhue	supplies	1 20	mainte 'nce
169	David A Grady	teams	8 00	"
	"	"	13 00	services
170	Aug J Barton	services	3 00	mainten'ce

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
171	Boston & Maine R R	freight	$ 69	services
172	A H Plouff	hitch post	2 50	mainten'ce
173	Charles A Dorr	labor	2 00	rep reser'r
174	T B Fall & Son	coal	146 30	mainten'ce
175	Wm P Ross	labor	5 00	"
	"	"	5 00	rep resev'r
176	Jackson Express Co	express	90	mainten'ce
	" "	"	40	services
177	Buffalo Meter Co	6 3-4 Niagara meters	39 60	"
178	Prince A Allen	services to Aug 9	17 00	mainten'ce
	"	fares	50	"
179	A H Plouff	salary to Sept 1	50 00	"
180	Wm A Rand	"	50 00	"
181	C W Brown	salary to July 1	33 33	"
182	Charles M Kelly	"	125 00	"
183	Geo A Schofield	printing	14 00	"
184	M Newman	pipe, fittings, etc.	5 44	"
185	Charles McIntire	labor	6 00	services
186	Fred Campter	"	6 40	"
187	Alexander Moran	"	6 00	"
188	Leon Burnish	"	6 00	"
189	Prince A Allen	services to Aug 16	17 00	mainten'ce
	"	fares	50	"
190	Thomas A Howe	teaming	50	"
	"	"	25	services
191	A D Mallard	"	1 00	"
192	B & M R R Co	freight	96	"
193	Charles McIntire	labor	4 00	"
194	Leon Burnish	"	7 00	"
195	John Doyle	"	9 00	"
196	Alexander Moran	"	7 00	"
197	Fred Campter	"	9 00	"
198	Bos Steam Spec Co	pipe & fittings	64 35	"
199	Everett Guilford	labor	1 50	mainten'ce
200	Prince A Allen	services to Aug 30	34 00	"
	"	fares	1 00	"
201	Geo A Schofield	printing	2 25	"
202	T B Fall & Son	coal	377 14	"
203	Edmund A Russell	services to Sept 8	22 66	"
	"	fares	50	"
204	David Low	labor	3 30	services
205	Mark Newman	"	2 80	"
206	Silas Crooker	"	3 30	"

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
207	James Graffum	labor	$ 6 10	mainte' nce
208	Edmund A Russell	services to Sept 15	17 00	"
	"	expenses	50	"
209	Bos Steam Spec Co	gauge glass washers	90	"
	"	Fitchburg S and W	23 05	services
210	S F Canney	labor and stock	25 80	mainte' nce
211	Mutual Boiler In. co	premium on boilers	20 00	"
212	A D Mallard	teaming	1 00	services
213	Mark Newman	labor	70	rp pipe line
214	John H Baker	"	1 90	"
215	Edmund Ready	"	2 20	"
216	Silas Crooker	"	2 20	"
217	Edmund A Russell	services to Sept 29	34 00	mainte' nce
	"	expenses	70	"
218	Luther Wait, P M	1c envelopes	11 20	"
219	Frank T Goodhue	flower seed	1 13	"
220	Amer Ex Co	express	40	services
221	F J Dibble	record dials	5 00	mainte' nce
222	Ned L Harris	teaming	50	services
223	Edmund A Russell	services to Oct. 6	17 00	mainte' nce
	"	expenses	40	"
224	Silas Crooker	labor	50	services
225	Mark Newman	"	1 40	"
226	David Low	"	20	"
227	Edmund Ready	"	1 70	"
228	Silas Crooker	"	1 30	reps. ser'vs
229	Mark Newman	"	35	"
230	"	"	2 45	rp pipe line
231	Edmund A Russell	services to Oct 13	17 00	mainte' nce
	"	expenses	50	"
232	Buffalo Meter Co	5 3-4 Niagara metr's	33 00	services
233	Wm Marshall	labor	2 98	"
234	B & M R R	freight	44	"
235	Wm Daniels	labor	2 00	"
236	Mark Newman	"	3 50	"
237	Edmund A Russell	services to Oct. 20	17 00	mainte 'nce
	"	expenses	40	"
238	Alexander Moran	labor	1 80	services
239	Silas Crooker	"	2 00	"
240	Fred Campter	"	1 80	"
241	Vitol Thuot	"	2 00	"
242	Town of Ipswich	town note	1800 00	sink'g fund
243	B & M R R	freight	45	services

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
244	E G Damon	labor	$ 2 00	mainten'ce
245	National Lead Co	lead pipe	28 34	services
246	John H Baker	labor	1 70	mainten'ce
247	Edmund A Russell	services to Oct 27	17 00	"
	"	expenses	45	"
248	Silas Crooker	labor	3 20	"
249	"	"	1 60	rep serev's
250	George Harris	use of land	1 00	mainten'ce
251	Am Express Co	express	15	"
252	Ebin R Smith	supplies	33	"
253	J W Goodhue	"	1 77	"
254	Geo W Tozer	oil and matches	1 40	"
255	Thomas Scahill	labor	17 50	"
256	Silas Crooker	"	2 00	services
257	" "	"	2 00	mainten'ce
258	Mark Newman	"	3 50	services
259	Edmund A Russell	services to Nov 3	17 00	mainten'ce
	"	expenses	40	"
260	Alexander Moran	labor	1 80	services
261	C E Brown & Son	gravel	1 50	rep pi. line
262	John H Baker	labor	1 00	mainten'ce
263	Edmund A Russell	services to Nov 8	17 00	"
	"	expenses	40	"
264	William Clark	labor	2 70	services
265	Mark Newman	"	1 58	"
266	Thomas A Howe	teaming	50	"
267	Silas Crooker	labor	1 80	mainten'ce
268	Edmund A Russell	services to Nov 17	17 00	"
	" "	expenses	60	"
269	Silas Crooker	labor	3 80	services
270	William A Clark	"	5 40	mainten'ce
271	Edmund A Russell	services to Nov 24	17 00	"
	"	expenses	50	"
272	Silas Crooker	labor	5 30	"
273	"	"	2 90	services
274	Epes Norwood	"	1 40	"
275	Harry Girard	"	90	mainten'ce
276	Edmund A Russell	services to Dec 1	17 00	"
	"	expenses	40	"
277	Mark Newman	labor	3 15	services
278	John H Baker	"	80	"
279	William Clark	"	2 90	"
280	National Lead Co	lead pipe	21 79	"

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
281	B & M R R	freight	25	services
282	"	"	50	"
283	Ned L Harris	teaming	75	"
284	Alb't Russell & Son	service box covers	23 75	"
285	John A Brown	sand	10 50	mainten'ce
286	Wm Clark	labor	1 80	services
287	Silas Crooker	"	1 80	"
288	"	"	60	mainten'ce
289	Edmund A Russell	services to Dec 8	17 00	"
	"	expenses	60	"
290	Mark Newman	labor	3 15	services
291	Alexander Moran	"	1 80	"
292	A D Mallard	teaming	75	"
293	Dennison M'f'g Co	sealing wax	30	mainten'ce
294	Erastus Clark Estate	hauling gravel	7 50	"
295	Old Colony Trust Co	interest	2940 00	interest
296	Albert S Brown	gravel	2 50	mainten'ce
297	Edmund A Russell	services to Dec 15	17 00	"
	"	expenses	50	"
298	C & W M M Ins Co	premium	50 00	"
299	Edmund A Russell	services to Dec 22	17 00	"
	"	expenses	40	"
300	Everett Guilford	labor	4 50	"
301	Chas L Dole	dressing	4 50	"
302	B & M R R	freight	20	services
303	Alden SpearsSons co	metal polish	40	mainten'ce
304	Samuel Ward Co	pay book	5 00	"
305	Everett Guilford	labor	7 50	"
306	Mark Newman	"	1 75	services
307	Edmund A Russell	services to Dec 27	17 00	mainten'ce
	"	expenses	30	"
308	Wm A Spiller	2 signs	2 00	"
309	Amer Ex Co	express	45	services
310	Alb't Russell & Sons	5 castings	18 00	"
311	Ned L Harris	teaming	2 00	"
312	David A Grady	teams	8 00	"
	"	"	3 00	rep pi. line
	"	"	1 50	rep serev's
	"	"	2 00	mainten'ce
313	Everett Guilford	labor	9 00	"
314	Edmund A Russell	services to Jan 5	17 00	"
	"	expenses	40	"
315	A H Plouff	salary to Jan 1	33 33	"

NO	PAID TO	FOR WHAT	AMTS.	ACCOUNT APPLIED TO
316	C W Brown	salary to Jan 1	$ 50 00	mainte'ce
317	Wm H Rand	" "	33 33	"
318	Charles M Kelly	services to Jan 1	125 00	"
			11,754 90	

II. MAINTENANCE ITEMS.

Commissioners' salaries	$ 249 99
Engineer's services and expenses	924 56
Clerk's services	250 00
Supplies	68 10
Books, printing, advertising, postage, etc	160 15
Insurance	110 42
Teaming, express and freight	38 65
Fuel	523 44
Labor	236 44
Premium on bonds	151 92
Miscellaneous	79 42
	$2793 14

III. RECEIPTS AND EXPENDITURES FOR THE YEAR ENDING DECEMBER 31, 1902.

Receipts		Expenditures	
Balance, Jan 1, 1902	$361 75	Maintenance $2793 14	
Appropriation for hydrants	1651 00	Repairs services 24 48	
		" pipe line 29 75	
		" reservoir 169 47	
Dividends on insurance policies	36 67		$3016 84
Water rates	8656 13	Services pipe construction	971 48
Hay and apples sold	30 00	Filter construction	86 58
Pipe line material sold	22 36	Interest on bonds	5880 00
Maintenance material sold	42 53	Town notes	1800 00
Withdrawn from Savings Bank	1000 00	Balance Dec 31, 1902	197 19
Services	151 65		
	$11,952 09		$11,952 09

NOTE.—The last item in Table II should be $79.47 instead of $79.42.

IV. COMMISSIONERS' BALANCE SHEET.—1902.

Bonds	$147000 00	Engineering	$3350 00
Premiums	9318 08	Land damages and right of way	3599 12
Appropriations	18985 20	Pumping station	10047 41
Miscellaneous receipts	165 43	Pumps & pumping machinery	8298 46
Water rates	53073 02	Storage basin	27693 59
Special appropriation for filters	143 28	Bull brook supply	1778 60
		Distributing reservoir	17827 56
		Pipe line construction	74215 54
		Service pipe "	8797 30
		Miscellaneous expenses	2834 20
		Cost of construction	158441 78
		Int. on bonds & notes	46318 37
		Maintenance	21756 32
		Mat. & sup'ies on hand	1482 83
		Water rates due and unpaid	435 75
		Services due and unpaid	52 77
		Balance .	197 19
	$228685 01		$228685 01

V. SUMMARY OF COST OF CONSTRUCTION TO DATE.

Construction Account.	Dec 31, '01	Year 1902	Dec 31, '02
Engineering	$ 3350 00		$ 3350 00
Land damages and rights of way	3599 12		3599 12
Pumping station	10047 41		10047 41
Pumps and pumping machinery	8298 46		8298 46
Storage basin	27693 59		27693 59
Bull brook supply	1778 60		1778 60
Distributing reservoir	17827 56		17827 56
Pipe line construction	74254 31	*38 77	74215 54
Service pipe "	8010 94	786 36	8797 30
Miscellaneous expenses . . .	2834 20		2834 20
	157694 19	$747 59	158441 78

*Deducted.

VI. SINKING FUND.

Receipts.		Investments	
Appropriation '95	$1700 00	Ipswich Savings Bank	$388 39
" '96	1759 50	Institution for Savings	
" '97	1899 08	Newburyport	1177 53
" '98	1965 55	Salem 5c Savings B'nk	1070 54
" '99	2032 00	Town of Ipswich, notes	2000 00
" '00	2138 65	Ipswich Gas Co., note	3000 00
" '01	2363 50	Town of Ipswich Water Bonds 4 p. c.	5000 00
" '02	2446 22	Maine Central R R 4's	3000 00
Premium on bonds	1063 50	Ill. Central R R 3 1-2's	3000 00
Accrued interest	3068 46	Town of Ipswich, note	1800 00
	$20,436 46		$20,436 46

A. H. Plouff,
W. H. Rand,
C. W. Brown, } Trustees.

The foregoing schedules have been examined and found correct.

Henry F. Dunnels, Auditor.

COMMONWEALTH OF MASSACHUSETTS.—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

DATE OF		APPEARANCE			ODOR		RESIDUE	AMMONIA		CHLORINE	NITROGEN AS		OXYGEN CONSUM'D	HARDNESS	REMARKS.
COL.	EX.	Tur'y	Sed't	Col.	Cold	Hot	Total	Free	Total		Nia's	Nit'e			
1902 Jan. 21	1902 Jan. 22	very slight	very slight	.41	faintly veg.	disti'tly veg.	4.75	.0012	.0090	.56	.0060	.0000	.57	1.8	Storage Basin
Apr. 26	Apr. 28	very slight	slight	.33	faintly veg.	faintly veg.	4.25	.0012	.0158	.51	.0060	.0000	.46	1.0	Storage Basin
Jun 24	Jun 25	very slight	cons.	.22	faintly unpleas	dist. unpleas'nt gr. corn	4.10	.0020	.0194	.58	.0020	.0000	.36	1.4	Basin
Aug 25	Aug 26	very slight	very slight	.14	faintly veg.	disti'tly veg.	4.15	.0024	.0220	.59	.0000	.0000	.35	1.7	Storage Basin
Oct. 27	Oct. 29	very slight	very slight	.18	none	faintly veg.	5.00	.0022	.0170	.64	.0200	.0000	.32	1.8	Storage Reservoir
Dec. 28	Dec. 23	very slight	none	.19	disti'tly veg.	decid'ly veg.	4.40	.0022	.0182	.56	.0050	.0001	.35	1.4	Basin

Explanation of abbreviations: Col. is collection; Ex. is examination; Tur'y is turbidity; Sed't is sediment; 2d Col. is color; Tot'l is total; Nia's is niatrates; Nit'e is nitrites.

CHARLES W. BAMFORD, Treasurer, in Account with the WATER BOARD for the Year Ending December 31, 1902.

1902	DR.	
Jan.	To cash on hand	$519 45
"	" Dividends on insurance policy power house	30 00
"	" Water rates from commissioners	1182 33
"	" Miscellaneous	1 35
Feb.	" Water rates from commissioners	1054 31
"	" Miscellaneous	19 90
Mar.	" Water rates & miscel'eous from commis'ners	603 07
Apr.	" " " " " "	569 53
June	" " " " " "	605 37
"	Town of Ipswich, appropriation, sinking fund	1651 00
July	Water rates & miscel'eous from commissioners	1438 48
Aug.	" " " " "	1237 68
Sept	" " " " "	752 16
Oct.	Mutual Boiler and Insurance Co., dividend . .	6 67
Nov.	Water rates from commissioners	845 97
Dec.	Received from commissioners, for payment of interest coupons	1000 00
"	Water rates from commissioners	590 42
"	" " " "	2 10
"	Dividends on insurance policies	34 36
"	Undrawn orders	132 70
		$12,276 85

1902	CR.	
Dec.	By Total amount of orders	$11912 60
"	By cash on hand	364 25
		$12,276 85

UNDRAWN ORDERS.

No. 110	Peter Burnord	$1 80	
" 181	Chas W Brown	33 33	
" 252	Ebin R Smith	33	
" 285	John A Brown	10 00	
" 190	Thos A Howe	53	
" 296	Albert S Brown	2 50	
" 311	Ned L Harris	88	
" 316	Chas W Brown	50 00	
" 317	W H Rand	33 33	
Total			$132 70

This is to certify that I have examined the above and find it correct, and to agree with the books and accounts of the Treasurer.

Henry F. Dunnels, Auditor.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF

IPSWICH, MASS.,

For the Year Ending December 31,

1902.

IPSWICH, MASS.
CHARLES G. HULL, PRINTER.
1903.

SCHOOL COMMITTEE.

JOHN H. COGSWELL	Term	Expires	1905
HARRIET E. NOYES	"	"	1905
CHARLES W. BAMFORD	"	"	1904
CHARLES G. HULL	"	"	1904
GEORGE W. TOZER	"	"	1903
CHARLES S. CUMMINGS	"	"	1903

ORGANIZATION.

George W. Tozer, Chairman. John H. Cogswell, Secretary
Andrew S. Thomson, Superintendent.

SUB-COMMITTEES.

HIGH SCHOOL.

Mr. Bamford. Mrs. Noyes. Mr. Tozer.

GRAMMAR GRADES.

Mr. Cogswell. Mr. Hull. Mr. Cummings

PRIMARY GRADES.

Mr. Cogswell. Mrs. Noyes. Mr. Tozer.

ARGILLA SCHOOL.

Mrs. Noyes.

APPLETON SCHOOL.

Mr. Hull.

LINEBROOK SCHOOL.

Mr. Cogswell.

VILLAGE SCHOOL.

Mr. Bamford.

GRAPE ISLAND SCHOOL.

Mr. Cummings.

TEXT BOOK COMMITTEE.

Mr. Tozer. Mr. Cogswell. Mrs. Noyes.

ON REPAIRS.

Mr. Cogswell. Mr. Cummings.

LABOR CERTIFICATES

Mr. Hull.

PURCHASING AGENT.

Mr. Cogswell.

TRUANT OFFICER.

Albert S. Garland.

FINANCIAL STATEMENT

Receipts.

Balance due the schools January, 1902	$ 170 82
Town appropriations for 1902	13,500 00
Received from dog licenses	302 76
Received from scholars from other towns	365 97
	$14,339 55

Expenditures.

Rent of Manning school building	$1600 00
Superintendent's salary, one months	150 00
Teachers' salaries	8094 40
Transporting children from out district	503 60
Text books and supplies	1552 59
Care of school buildings	642 80
Fuel	460 50
Repairs	141 68
Vaccinating school children and fumigating	221 30
Incidentals	638 65
	$14,005 52

Leaving a balance due the schools of $334.03

Appropriations.

The Committee recommend the following appropriations for the year 1903.

For rent of Manning school building	$1600 00
For salary of Superintendent	600 00
For High School (teachers' salaries)	1300 00
For Common schools (teachers' salaries)	7000 00
For text books and supplies	1200 00
For care of school buildings	650 00
For transporting scholars from out districts	550 00
For Fuel	600 00
For repairs	500 00
	$14,000 00

COMMITTEE'S REPORT.

In presenting the annual report of the School Board of 1902-'3, little more need be said than to preface the report of the Superintendent, and not only to commend most heartily his energetic and efficient work during the six months he has been in office, but to endorse with equal heartiness his suggestions and recommendations for the coming year.

The main facts and figures of the year's work will be found embodied in the Superintendent's report, but results cannot be expressed in figures. So far-reaching is the outgrowth of school work, that, at best, only the line of effort and the method employed can be stated. Only as the school-boy of today becomes the active, thinking, working and governing citizen of the future can the work of the school be estimated.

As stated in the report of last year, a district for the employment of a school superintendent was formed one year ago, with Wenham, Essex and Hamilton—the two latter towns being children of Ipswich— as members of the union. In May the committees of the several towns met and effected a permanent organization, Mr. George W. Tozer of Ipswich being elected chairman. On a meeting for the election of a

superintendent, held in April, the joint committees in the unanimous choice of Mr. Andrew S. Thomson gave evidence of good judgment. Ipswich, having a larger number of schools to be supervised than either of the other towns, has two-fifths of the superintendent's time, or in other words, he spends two days of the week in the Ipswich schools. Each of the other three towns has one day. Ipswich therefore is called upon to pay two-fifths of the salary (fifteen hundred dollars) or six hundred dollars.

Mr. Thomson enjoys the confidence of the School Board, and while the duties and responsibilities of the committee are by no means lessened but rather increased—since the superintendent can do very little without the sanction of the committee—mutual consultation has proved both pleasant and profitable. There is perfect harmony and interdependence between committee and superintendent.

The suggestion of the superintendent that the town should pay its primary teachers larger salaries is a matter which has been carefully considered by the committee, but the yearly increasing expenditures for the schools has deterred them from making requests for still larger appropriations. There are nine primary teachers and it is believed that the scale of salaries should receive a new adjustment. The grammar grade salaries compare favorably with those of like grades in other towns. With increased remuneration our best teachers will be content to remain in their positions and our schools will be less likely to suffer from frequent changes. With higher salaries Ipswich also might secure the best professional service if the choice of such public servants is not hampered by undue consideration of the place of birth.

Mr. Thomson has formed a class in "Pedagogical study and its application to daily needs." The class includes all the primary and grammar school teachers and also some of the High school instructors. Through the courtesy of the selectmen and of officer Garland, who gave up his own private room, a room for the committee has been

finished and furnished in the town house. This room also is used by the superintendent for class and office work. The committee are especially grateful that at last they have "an abiding place" and need no longer appear in the role of "Wandering Jews."

The record of our schools for the past year is one of unusual vicissitude. the suspension of all school work during several weeks in the spring by reason of a seemingly impending epidemic; the burning of the Cogswell schoolhouse on the night of December 16, 1902; the prevalence of whooping cough; the increased number of pupils and the small number of teachers with the lack, in some quarters, of sufficient accommodations, have all contributed to disturb the even current of the year's work. Added to these causes have been the illness and consequent absence of several teachers and the employment of substitutes. While nearly all the substitutes have done good work, we cannot but feel that the necessity for employing them has been unfortunate for the uniform advancement of the pupils.

The lack of suitable accommodations has been painfully evident at the High school, where the entire building is absolutely needed for the use of that school alone. As will be seen by the superintendent's report, a temporary makeshift was arranged in September, by which grades VIII. and IX. were stuffed---no other word so well expresses the condition—into one school room and a recitation room. This condition cannot go on beyond the present school year which closes in June. The plan of relief favored by the committee is the enlarging of the Winthrop building by the addition of at least two rooms, and the removal of the eighth grade from the Manning building to the Winthrop. This addition would not only accommodate the eighth grade, but would give a room for an additional third grade, for which there is even now an imperative need. These third grades at the Dennison, Payne and Cogswell schools are now overcrowded and an additional teacher has been elected as assistant at the Payne.

More and more do those who stand near the work of fitting pupils for college or scientific schools become impressed with the need of some earlier entrance upon the studies usually classed as secondary, than is obtained by merely a four years course in the High school. In many towns and cities at the present time, the ninth grade is being merged in the High school course, and some part of the present ninth grade work is combined with that usually done in the first year of the High school. Were the eighth grade removed to the Winthrop building this change would be possible in Ipswich, and, while it would not mean an additional year of school life, it might mean that a bright pupil could complete his course more easily and with less pressure than at present. This change in the ninth grade would bring all the grammar grades under one roof, while the High school would be entirely separated—as it always should have been—from the lower grades.

The introduction of the business course in September necessitated the employment of a third assistant who could teach stenography and typewriting. Miss Thatcher of Hyannis was elected to the position and has proved very satisfactory. Three typewriting machines were purchased and more could be used to good advantage.

In September, with the assistance of the superintendent, the High school course of study was revised. A three years and a four years course were presented. The majority of the pupils elected the four years course.

At the repeated request of the pupils in the High school and as an experiment, the plan of holding but one session was adopted in November. The hours of the school are now from 8:30 a. m. to 1:15 p. m. This plan was adopted as a trial, the pupils being expected to devote more time and energy to home study. This the teachers have not been able to enforce, so that it looks now as if a return to the two session system would be made. Domestic conditions also seem, in many instances, to militate against the one session plan. With the lengthening days the return

could well be made. The matter has not been decided definitely but, unless the pupils can be induced to do more and better work, the old plan will be resumed. Simply because "this, that or the other" town, where conditions are different from our own, has one session, is no reason that Ipswich should follow suit.

The increase in the number of pupils in the High school is very encouraging and the gain promises to be even larger in the coming year. Should this be the case, the present "cribbed, cabined and confined" quarters will be entirely inadequate to the demand.

Owing to the lack of accommodations the past year, the duties of the committee have been attended with much perplexity and responsibility. The good results of the year could not have been accomplished without the ready and faithful co-operation of the teachers. These have labored to make the most of their small resources and to do the best possible in their cramped and inconvenient quarters.

TEACHERS.

From school rooms we come appropriately to those who have charge of them and who should make of them "Sunshine factories" for the manufacturing of character. During the past year several changes have taken place in the personnel of the teachers' corps. In June Miss Eva Purinton resigned and the town lost a capable, popular and painstaking teacher, and one acceptable to both parents and com-

mittee. In June also Miss Abbie Carr, teacher of the school at Linebrook, was called away from earth to hear the Great Teacher's "well done," thus leaving vacant a place which her enthusiastic love for her work, her devotion to the interests of the school, her refined and refining personality, had so pervaded, that her loss to the school was keenly felt. Since September three teachers have been in charge at Linebrook, the present incumbent being Miss Lucasta Boynton of Haverhill.

The closing of the Village school leaves only Argilla and Linebrook as out districts. The Grape Island school is "sui generis" and cannot properly be included in the graded system. It was open from May to November last year.

SCHOOLHOUSES.

The closing of the Village school throws another building into "innocuous desuetude." The Candlewood schoolhouse is still standing, a prey to wind and storm and tramps. What shall be done with these two buildings? It is high time some action was taken by the town as the buildings are deteriorating each year. The desire of the committee is to remove the Village schoolhouse to town and utilize it as an annex to the Payne lower primary or to establish it as a new school building (by enlarging it a little) somewhere in the neighborhood of Estes street. Either plan would relieve the present congested condition at the Payne lower school. With the enlargement of the Winthrop building this would tide the town along for a year or

two unless the school population increased very rapidly. But the time is not far distant when a new building of four, perhaps six rooms, will be an absolute necessity.

The Candlewood schoolhouse should be sold, but without special instructions from the town the committee neither can move the one building nor sell the other.

The school buildings are in fairly good repair. The Cogswell building has been put in condition since the fire, new floors laid and new gravel placed about the house. Neither Payne nor Dennison has received much attention. At the Dennison there is a need for better and more effective heating apparatus. With the present arrangement it is impossible to heat the building in very cold weather and the committee recommend a special appropriation for a furnace or other heating apparatus.

At the Winthrop schoolhouse the only repairing required has been in connection with the sanitaries which have been examined by an expert and are to be remedied according to his suggestions as soon as the matter of enlarging the building is decided. In the meantime no danger need be apprehended as the expert assures the committee that the slight defect discovered is no menace to the health of any pupil. The defect will be made perfect however in order that, like Caesar's wife, the place may be "above suspicion."

SPECIAL TEACHERS.

The committee desire to express their hearty appreciation of the good work done by Miss Ratsey, special teach-

er in drawing, and Mr. MacArthur, the special teacher of music. Both are teachers of thorough and accurate knowledge, with enthusiasm for their work and natural aptitude for imparting instruction and awakening interest.

TEXT BOOKS.

As few changes as possible have been made in text books, yet the number purchased has been unusually large owing in part to the larger number of pupils and the new course in the High school where the changes have been made at the instance of the superintendent.

CONCLUSION.

The foregoing general review of the schools coupled with the report of the superintendent, warrants the belief that our children are receiving training and development along the lines of usefulness, intelligence and trustworthiness, that may lead them to

"Travel on life's common way
In cheerful godliness."

Teachers, superintendent and committee are striving for one end—the building of character. Their advice to each is that line of Virgil, "Still go onward, and in going, listen!"

GEORGE W. TOZER
JOHN H. COGSWELL
CHARLES G. HULL
CHARLES S. CUMMINGS
CHARLES W. BAMFORD
HARRIET E. NOYES

SUPERINTENDENT'S REPORT.

MEMBERS OF THE SCHOOL COMMITTEE:—

It becomes my pleasure as well as my duty to report to you, and through you to the people of the town, the condition and progress of the schools.

The following statistical table will show the school population in September, 1902, and the attendance during the school year ending in June, 1902.

NUMERICAL STATEMENT.

Census of September, 1902.

Number of children in town between the ages of 5 and 15, according to the census taken in September, 1902.....785

As follows:

Number of boys between the ages of 5 and 15.....	417	
Number of girls between the ages of 5 and 15.....	368	785
Number of boys between the ages of 7 and 14.....	265	
Number of girls between the ages of 7 and 14.....	241	506

Number of boys under 7 years of age	115	
Number of girls under 7 years of age	88	203
Number of boys between the ages of 14 and 15	41	
Number of girls between the ages of 14 and 15	35	76

Attendance for Year Ending June, 1902.

Number enrolled in all schools	809
Average membership	725
Average attendance	657
Average per cent of attendance	90
Number over 15	73
Number between 7 and 14	549
Number between 5 and 15	748
Number under 5	10

Miscellaneous.

Number of truants reported	37
Number of visits by members of School Committee	275
Number of High Schools	1
Number of Schools	19
Teachers in Graded Schools, women	20
Teachers in High School, men 1, women 2	3
Special Teachers	2
Number of School Buildings	10

In assuming charge of so large a district as Ipswich, Hamilton, Wenham and Essex, it took some time to famil-

iarize myself with the schools and the work being done therein. The first thing to which my attention was called was the demand for a new course of study in the High School and for the establishing of a business department. It was an opportune time for this to be done, since, owing to the large increase in the number of pupils in the school, the necessity for another teacher was imminent. The department was accordingly established. The present course of study will be found in the Appendix.

The business course requires three years. During this time the pupils are given a practical knowledge of book-keeping, commercial arithmetic, shorthand, and type-writing. These branches will enable many of our boys and girls who wish to enter business pursuits an opportunity to prepare themselves at our High School. This will give these studies to those who now are unable to go out of town for them, and will encourage others who now drop out at the end of the Grammar School course, to pursue their school work. Pupils who have not the desire or talent for the Classics, should be given an opportunity to fit themselves for a useful vocation in the public schools. I would not underestimate the study of the Classics, as very few subjects give a corresponding discipline of mind and intellectual cultivation. Yet, since many pupils who graduate from the Grammar schools are compelled to prepare themselves as soon as possible to earn a livelihood, it is, in my opinion, the duty of the town to provide this preparation. The danger in offering a three years' course is that some pupils of not very studious habits choose this course because it is shorter, or thinking that it may be easier, than other courses. We shall endeavor to obviate this danger by making the course as difficult as the others. This is just, since the pupils who elect the three years' course are preparing to enter the business world, and the rigor of the course should be a similar experience to what will be met in after life.

In the general course pupils are required to take English each year; Algebra, the first year; and Geometry, the

second; otherwise they may choose from the subjects offered. This arrangement gives pupils some chance to exercise their tastes in the branches studied. The teachers advise and direct the pupils in their selection of studies. Parents are urged to give careful attention to the choice of studies which their children make.

A much needed improvement in the High School is the better fitting up and equipment of a laboratory for teaching the sciences. The proper instruction in the sciences cannot be overestimated. These subjects teach boys and girls to think and act for themselves. Nothing more important can be studied than the laws of the natural world and universe, bringing the child into relation with the higher powers of existence. Through these studies we train the spirit even more than the memory. It is in training the spirit rather than in developing the mind that lies the hope of raising human standards. Your attention is called to the suggestive report of the Principal of the High School, which may be found in the Appendix.

Owing to the large increase in the number of pupils in the High School, it became necessary to use the room in the Manning building which had been occupied formerly by the Eighth Grade. The Eighth Grade is now using the small room adjoining the Ninth Grade room. The little room can accommodate only one-half the Eighth Grade at a time. The consequent marching in and out of the Ninth Grade room is a bad arrangement for both classes.

Judging from the present number of pupils in the Grammar School, there will be an increase in the High School next year, and still more room will be required. This will necessitate using the room now given to the Ninth Grade.

Our High School is efficient and a high grade of work is being done. After deliberation, the School Committee have decided upon one session for the High School, opening school at 8:30 A. M. and closing the session at 1:15 P. M. Under a one-session system, which is almost the universal

system for high schools throughout the Commonwealth, more home study is obligatory. The parents of high school pupils should see to it that their children have a regular time and a quiet place to study. More earnestness and devotion to work on the part of the pupils is essential to successfully prepare for higher institutions. The serious student spirit seems to be less evident than is desirable.

A course of study for the Graded Schools has been prepared and placed in the hands of the teachers. The course of study embraces the work to be covered in a year by the various grades. I have endeavored to make our standard of grades similar to that which is being maintained in the other towns of the state. At present the children are retained in the three Primary schools,—the Cogswell, the Payne, and the Dennison,—four years. These schools are large and at present we are unable to do the amount of work usually accomplished in this length of time. The children going from these to the Winthrop as fourth graders thus take five years to do four years' work. Another school should be formed by concentrating the first divisions of the upper primaries. Under these improved conditions it would not be long before we should be able to accomplish four grades in four years.

The necessity for ampler school accommodations is pressing. It will not be possible to continue the Eighth Grade in its present quarters another year. That more school room will be needed for the Primaries will be apparent from the following list, which shows the number of scholars enrolled during the fall term:

Dennison lower room	67
Dennison upper room	57
Cogswell lower room	58
Cogswell upper room	51
Payne lower room	77
Payne upper room	63

This condition should not be allowed to exist for any length of time. The people of the town should conscientiously see to it that sufficient school accommodations are provided.

I would call attention to the report of the Truant Officer, Mr. A. S. Garland, which may be found in the Appendix. We are glad to note the decrease in the number of truants. This is largely due to the efficient service of Mr. Garland. We are fortunate to have an officer who has so thoroughly at heart the good of the children, and yet has the courage to enforce attendance. There are parents who keep their children out of school on slight provocation. Those who are absent get behind in their work, become discouraged and dislike school. The laws of Massachusetts are emphatic upon the subject of school attendance. Parents are liable to a fine when they keep their children out of school, unless this is necessitated by sickness. The following law should be more strictly enforced:

That all children between the ages of seven and fourteen, unless sick or feeble-minded, must attend school the entire time of each school year, and that the penalty to parent or guardian for failure in attendance for five full-day sessions or ten half-day sessions within any period of six months is ($20.) twenty dollars.

At present we are greatly hindered by children getting excused before twelve to carry dinners to their parents who work in the mill. Since it seems necessary for a considerable number to do this, I would deem it wise to have our noon intermission from 11:45 A. M. to 1:15 P. M., instead of from 12: M. to 1:30 P. M. as at present.

I cannot emphasize too strongly the importance of consigning the first two years of a child's school life into the hands of competent teachers with conditions which will give correct habits of school work. In the past it was thought that anyone could teach the Primary. Today all agree that

we need the best trained and most efficient teachers to handle the work of the first years. The habits formed during the early years are lasting. It is of vital importance that we have teachers in the Primary who have chosen to work in these grades and make a study of them. When a teacher has learned Primary work, her promotion should be an increase of pay, rather than a change to a higher grade. We should encourage our capable Primary teachers to remain in the lower grades by increasing their pay in those grades.

It is difficult to get competent teachers who are willing to remain in the outlying schools. Thus it happens that frequent changes in teachers occur in these schools. A change of teachers is always somewhat detrimental to a school. Time is lost to the pupils while a new teacher is learning what has been done and what is best to do in a school. For this reason alone, if for no other, where conditions permit it is better to close these schools and bring the children to the centre schools.

READING.

Reading is one of the most important subjects in our school curriculum, as it is through this medium that knowledge of all other subjects is largely obtained. The children are to be taught not only to express to others the thought

on the printed page, but also to interpret easily and readily for themselves that same thought. In learning new words, a knowledge of word construction is important. The system now used in our schools has for its basis the Rational Method. Pupils are drilled upon phonograms and stock words. No book is used for the first ten weeks, during which time phonograms and stock words are studied and reviewed from the blackboard. When the sounds of letters are known, and common phonograms, or combinations of vowels and consonants generally found together, the child has the tools with which he can learn for himself new words. Since the faculty of mind exercised in learning to read is early developed in children, much emphasis is placed upon this subject in the lower grades. Unless children early learn to read fluently, they are greatly hampered with their work in Arithmetic, Geography, and History. If we can inculcate the habit of reading and the taste for good reading, we have given pupils the power of self-improvement which few other subjects bestow. No better assistance can be furnished in acquiring this accomplishment than a generous supply of the beautiful supplementary readers now published.

LANGUAGE.

With our present cosmopolitan population, due emphasis must be placed upon a correct and good usel of the

English language. Under our present course of study, English is required of all pupils from the first year in the Primary to the last year in the High School. Yet so great is the force of early habits and daily associations that we cannot meet with as much success as we wish. The custom of learning rules has been supplanted by the method of practice in the correct use of written and spoken English. Rules of Grammar must be taught in the proper place, but not until the child has become mature enough to understand how to apply them. Constant practice in writing and speaking idiomatic English is the key to better writing and speaking.

ARITHMETIC.

In the first stages Arithmetic should be taught with objects, by measuring and estimating, that the child my properly conceive number and that his judgment may be trained. At present many prominent educators think that the effort to teach abstract numbers in the first two grades is a waste of time. However this may be, it is certainly true that the work in these grades should be very concrete, bringing into play the perceptive faculties. All through the subject great care should be exercised that the examples are properly illustrated, since it has been shown by recent experiments in child study that the reasoning faculties come much later in the child's life than was formerly supposed.

When a child can perform the fundamental operations with rapidity and accuracy, the other processes of Arithmetic come much more rapidly. Advanced work in Arithmetic is much less difficult when the attention of the child is not distracted by struggle with the mechanical operations, but rather is concentrated upon the steps in the reasoning process.

WRITING.

We have discontinued the use of vertical writing in all grades above the Third. The Medial system of writing is now in use in the higher grades. The letters have just enough forward slant to give speed and character of the older systems and yet preserve the legibility of the vertical.

REPORT CARDS.

Report cards showing the pupil's deportment and

standing in his work are sent to the parents every eight weeks. The marks on these cards are obtained by combining the marks secured in the daily recitations and the marks gained in the written tests given upon the work covered. Report cards are used as a guide to promotion. Each parent can see whether his child is doing work sufficient for promotion or not by reference to the card. Parents are requested to give close attention to the work which their children are doing.

VISITORS.

A cordial invitation is extended to the people of the town to visit the schools as this is a most excellent way of encouraging children and teachers. It is a decided impetus to good work when townspeople frequent the schools. The citizens are urged to make themselves familiar with the everyday work being done rather than with entertainments of special days.

TEACHERS.

The work of our schools on the whole promises better

things. Our teachers are active and enthusiastic. They are bending their energies to promote the progress of their pupils both morally and intellectually. Most of the schools in which the numbers are sufficiently small are doing good work. The teachers have shown pronounced interest in the teachers' meetings, and have formed a reading circle for the study of pedagogical subjects. A large number of educational papers are in circulation.

CHANGE OF TEACHERS.

At the close of school in June, 1902, Miss Purington of Grade VI. resigned. Miss Willis of Grade V. went to Grade VI.; Miss Willcomb of Grade IV. to Grade V.; Miss Baker of the Cogswell, to Grade IV. of the Winthrop; Miss Hodgkins of the Wainwright, to the Cogswell; Miss Katie Brown of the Argilla, to the Wainwright, and Miss Burnham of the Village School was given the Argilla. Miss Susan Kimball resigned the Payne Primary. Miss Elsie Ross of the Dennison went to the Payne, Miss Ellen T. Sullivan of the Appleton went to the Dennison. Miss Ada Hall, graduate of the Salem Normal, was employed at the Appleton. It is with sorrow we recount the death of Miss Abbie Carr at the end of a successful year at the Linebrook. Her place was filled by Miss Lucy G. Harris, a graduate of Mount Holyoke.

PENNY SAVING SYSTEM.

The work of the school is not only the promotion of learning, but also the advancement of every form of thrift which shall produce self-reliant citizens. Children should early learn the habit of saving, rather than that of spending every penny they can secure for candy or some personal luxury. In many places a penny saving system is conducted by the schools. The child brings his pennies to the teacher, who gives him in return a stamp for each penny brought. These stamps are pasted into a book furnished the pupil. When he has two dollars deposited he gets a bank book. The money is generally placed in the local bank by the principal of the school. Money can be withdrawn by the child upon the request of his parents. A saving system of this kind could be managed in some, or perhaps all, of the schools of Ipswich.

There are two occurrences further to note. One is the accidental fire in the Cogswell, which occurred just before the Christmas vacation. The building fortunately was insured and was promptly repaired so that only two weeks of school were lost. It gives me pleasure to speak of the second, which is the gift to the schools of a set of charts by Capt. John H. Shatswell, which show all the voyages made by this experienced navigator. It is pleasant to acknowledge such benefactions and to express our appreciation of them. These charts may be examined by citizens of the town who may call at the High School to see them.

I extend my thanks to the teachers for devotion to

their duty; to the Committee for their cordial and friendly attitude toward me.

Respectfully submitted,

ANDREW S. THOMSON,

SUPERINTENDENT OF SCHOOLS.

Appendix

PRINCIPAL'S REPORT.

ANDREW S. THOMSON,
Superintendent Public Schools, Ipswich, Mass.

DEAR SIR:—

I have the honor to submit to you my report of the Manning High School for the year ending December 31, 1902.

The number of pupils has increased from eighty, December 31, 1901, to ninety-nine, December 31, 1902. When I became principal in 1895, there were fifty-two scholars, and last September the school opened with one hundred and five. Although the increase in membership is very encouraging, yet in the register too many "days absent" and "times tardy" appear. When pupils bring excuses from their parents for absence and tardiness, frequently there may be no just cause for an excuse, the parents simply shield the pupils. Parents should realize most forcibly the great importance of forming habits of promptness and punctuality.

Habit is of most vital importance. The pupil who leaves the public school with habits of promptness, honesty, altruism, reading the best in literature, persevering under the most forbidding conditions and loving zealously his fatherland is well equipped for winning success. Pupils

who are frequently absent or tardy, fail to learn thoroughly the daily lessons, or are deceitful and unmanly, go out into life poorly fitted for winning success in their chosen occupations.

To the course of study a Commercial Course was added last September. Without doubt this is an advance in the right direction. If the course extended through four years, so that the pupil could receive that mental training and general information which society of today demands, I think the course would be far more desirable.

More room will be required next year. The school needs a room for science instruction, and a certain sum should be expended yearly for the purchase of apparatus.

If instruction in the sciences is to be along modern lines, the school must have apparatus. The chemical laboratory cannot be used at the present time.

The work of the school has moved along smoothly. The association of teachers and scholars has been very delightful.

The standard of scholarship must be maintained. Scholars who devote little time out of school to study and do not perform satisfactorily their daily work, ought not to expect a diploma at the end of four years.

Parents will assist much in promoting satisfactory work if they will carefully examine the rank cards sent out once a month. Whenever a pupil's rank is below the standard, a conference of parent and teacher will be of great advantage.

I wish to state that the prosperous condition of the school is due in a very great part to the assistant teachers who are loyal and faithful to the welfare of the school. And, here, Mr. Superintendent, let me thank you for the many wise and practical suggestions for the management of the school.

Most respectfully,

JOHN P. MARSTON,

PRINCIPAL.

DRAWING REPORT.

ANDREW S. THOMSON,
Superintendent Public Schools, Ipswich, Mass.

DEAR SIR:—

The course in Art Instruction has been fully described in previous reports. The outline is as follows:

In September and October we take up natural drawing, color work and landscape compositions; in November, December and January, constructive drawing, including geometric figures, working drawings, animal and figure drawing and constructive design; in February and March, object drawing, comprising principles of sphere, half sphere, cylinder, cube, square prism, square plinth, triangular and hexagonal prisms, with composition of color values in common objects; in April, May and June, designs embracing order, rhythm, consistency in measure, balance and harmony and applied design.

Our aim throughout all branches is to create in those under our supervision an intelligent discernment and appreciation of the beautiful; "to make more general the knowledge of wherein beauty lies, and in awakening a love for it, by an acquaintance with its principles and their applications, to lead to a desire for the acquisition of power to create and use the artistic for human enjoyment and benefit."

The size of the classes and interest shown in the High School has been most encouraging, and as the periods were reduced with the one session, it was found advisable to separate the classes, the mechanical students meeting on Wednesday and the freehand class on Thursday.

The work is greatly hampered by the need of a drawing room, where we can work after time and leave our many and varied materials. At present we waste much time in getting ready for our lessons.

Many thanks are due the teachers for their hearty co-operation and never-failing interest in the subject.

Respectfully submitted,

ETHEL WINGATE RATSEY,

Supervisor of Drawing.

MUSIC REPORT.

To the Superintendent of Schools:—

I beg leave to submit my report of the study of music in the public schools of the Town of Ipswich.

Since my last report, the work has been carried on in a most satisfactory manner, particularly in the grammar grades, where the Normal system of text books has been introduced. At the close of the school year in 1902, the schools in the Winthrop building, Grades IV., V., VI., and VII., held "Musical Hours" to which the parents and friends were invited. This took the place of the former exhibitions, and in addition to showing the work of the scholars, was greatly enjoyed by all who attended. The work of Grades VIII. and IX. was fittingly exhibited at graduation, and reflected credit upon the teachers and pupils of those grades. The work in the Primary grades has been hindered somewhat by the lack of necessary equipment, but having now secured the Normal charts, I feel we can safely promise better results. During the cold season it was impossible to heat the hall of the Manning school, so we were obliged to omit the music period of the High School. The pupils there, however, have shown great interest, and the general work has been highly satisfactory.

In conclusion, allow me to thank the School Committee, Teachers and Superintendent for their advice and assistance during the past year, and their kindness and consideration at all times.

Respectfully submitted,

EDWARD LEWIS MacARTHUR,

Supervisor of Music.

TRUANCY REPORT.

To the Superintendent of Schools:—

It gives me pleasure to submit the report of my work as Truant Officer for 1902.

During the past year there have been reported thirty-six cases of truancy, of which thirty were boys and six were girls. Four have been reported a second time, and two a third time. This shows a marked decrease in the number of truants over the previous year.

It is pleasing to state that it has not been necessary to send anyone to the truant school this year. Every case of truancy reported has been promptly attended to and many times children have been found about the streets and sent to school. The factories have been visited and the list of employees inspected.

I take pride in seeing that children are in school. I know how important it is that boys and girls should get an education. They do not always realize this and must be forced to attend. The time will come when they will be glad that they were obliged to attend school regularly.

I wish to express my thanks to the School Committee, Teachers and Superintendent for their appreciation of my efforts.

Respectfully submitted,

ALBERT S. GARLAND,

Truant Officer.

COURSE OF STUDY

IN THE MANNING HIGH SCHOOL.

GENERAL COURSE.		COMMERCIAL COURSE.	
First Year's Work.			
	PERIODS PER WEEK		PERIODS PER WEEK
English	3	English	3
Algebra	5	Algebra	5
Electives offered:			
Arithmetic	4	Com. Arithmetic	4
History	4	History	4
Latin	4		
Second Year's Work.			
English	3	English	3
Geometry	4	Bookkeeping	3
Electives offered:		Typewriting	3
Greek	4	Political Economy	3
Latin	4	Commercial Law	3
History	3	Shorthand	3
French	4		
Botany and Physiology (for half year each)	3		
Commercial Law	3		
Shorthand	3		
Typewriting	3		
Political Economy	3		

GENERAL COURSE.

Third Year's Work.

	PERIODS PER WEEK
English	3
Electives offered:	
Latin	4
Greek	4
French	4
German	3
Chemistry	3
Astronomy	3
English / History	3
Bookkeeping	3
Shorthand	3
Typewriting	3

Fourth Year's Work.

English	3
Electives offered:	
Latin	4
Greek	4
French	4
German	3
History and Civics	4
Review Mathematics	3
Physics	4

COMMERCIAL COURSE.

	PERIODS PER WEEK
English	3
Shorthand	3
Typewriting	3
Bookkeeping	3
U. S. History and Civics	4

NOTE.

In the general course electives must be so chosen as to make not less than sixteen nor more than nineteen periods of recitations per week.

GRADUATION DAY EXERCISES

OF THE MANNING HIGH SCHOOL.

PROGRAMME.

MARCH.

Invocation.....Rev. Arthur Bonner

MUSIC.

Salutatory.....Stella C. Adams
"The World's Battlefields."

Recitation.....Alice E. Perkins
"A Second Trial."

MUSIC.

Class History.....Arthur S. Lord

Address to Graduates.....W. P. Beckwith, Ph. D.
"The High School and Life."

Valedictory.....Christine M. Chisholm
"Think It Over."

Awarding of Diplomas.....

Class Ode.....Class of '02

Benediction.....Rev. Arthur Bonner

MUSIC.

CLASS OF 1902

OF THE MANNING HIGH SCHOOL.

Class Officers.

President, Arthur S. Lord.
Vice-President, Myra C. Goodhue.
Secretary, Christine M. Chisholm.
Treasurer, Roland H. Willcomb.

Classical Course.

Irene F. Fellows. Jennie Hale. Alice E. Perkins.

French and Latin Course.

Stella C. Adams.
Myra C. Goodhue.
Christine M. Chisholm.
Myra Lord.
Roland H. Willcomb.

Scientific Course.

Stella N. Emerson.
May B. Graffum.
Lester S. Bradstreet.
Alice B. Smith.
Mabel A. Perley.
Arthur S. Lord.

GRADUATION DAY EXERCISES

OF THE MANNING GRAMMAR SCHOOL.

PROGRAMME.

PIANO SOLO.

"Masaniello" — Gladys S. Russell

Invocation — Rev. Edward Constant

SINGING.

"O Who Will O'er the Downs So Free" — School

Salutatory — Reginald Hanley

RECITATION.

"When the Summer Boarders Come" — Homer E. Callahan

SINGING.

"Join In Pleasure" — School

COMPOSITION.

"The Meeting-House Green" — Frances Dodge

RECITATION.

Selection from "Lady of the Lake" — Roy K. Tilton

SINGING.

"The Wind and Tempest" — School

COMPOSITION.

"The Making of Baskets" Theresa J. Barton

RECITATION.

"A Thanksgiving Awakening" Elsie C. Green

SINGING.

"The Sailor's Song" School

RECITATION.

"The Two Dreams" Agnes B. Earing

COMPOSITION.

"The Ipswich River" John Edward Hull

SINGING.

"The Brooklet" School

RECITATION.

"So Was I" Harold L. Tilton

COMPOSITION.

"The Holy Grail" Marian S. Bartlett

Class Prophecies Sumner Hunt

SINGING.

"Song of the Stars" School

RECITATION.

"Riding Down" Elsie M. Ready

COMPOSITION AND VALEDICTORY.

"The Influence of a Good Life" Marion E. Morton

PRESENTATION OF DIPLOMAS.

SINGING OF CLASS HYMN.

Benediction Rev. Edward Constant

CLASS OF 1902

OF THE MANNING GRAMMAR SCHOOL.

Helene Nelson Atkinson
Marion Simms Bartlett
Walter Francis Bartlett
Willie Johnson Barton
Theresa Jane Barton
Helen George Brown
Ruth Story Brown
Blanche Marion Burns
Helen Gertrude Callahan
Homer E. Callahan
William Aloysius Clarke
Jennie Maud Day
Eliza Frances Dodge
Agnes Bishop Earing
Esther Damon Eames
Elizabeth Dennison Fellows
Ruth Emma Glazier
John Glen
Lillian May Gerry
Isabelle French Goodhue
William Winfred Goodhue
Elsie Cary Green
Reginald Hanley
Ethelyn Willard Harris
Robert Cleveland Harris
Marion Estelle Homens
John Edward Hull
Frank Sumner Hunt
Harold Merritt Langdon
Ralph Aston Morse
Marion Edna Morton
Edgar Augustus Rand
Elsie Mary Ready
Arthur Kimball Ross
Gladys Souther Russell
Harriett Newell Rust
Louise Pierce Stockwell
Harold Lester Tilton
Roy Kendall Tilton
Albert Glover Wait

EXTRACTS FROM THE REVISED LAWS.

Chap. 44—Sec. 1. Every child between seven and fourteen years of age shall attend some public day school in the city or town in which he resides during the entire time the public day schools are in session * * * * * The Superintendent of Schools or, if there is no superintendent of schools, the School Committee, or teacher acting under authority of said superintendent or committee, may excuse cases of necessary absence. * * * * * *

Every person having under his control a child as described in this section shall cause him to attend school as herein required, and if he fails for five day sessions or ten half-day sessions within any period of six months while under such control to cause such child, whose physical or mental condition is not such as to render his attendance at school harmful or impracticable, so as to attend school, he shall, upon complaint by a truant officer and conviction thereof, be punished by a fine of not more than twenty dollars. Whoever induces or attempts to induce a child to absent himself unlawfully from school, or employs or harbors a child who, while school is in session, is absent unlawfully from school shall be punished by a fine of not more than fifty dollars.

Chap. 44—Sec. 6. A child who has not been duly vaccinated shall not be admitted to a public school except upon presentation of a certificate from a regular practicing physician that he is not a fit subject for vaccination. A child who is a member of a household in which a person is ill with small pox, diphtheria, scarlet fever or measles, or of a household exposed to such contagion from another household as aforesaid, shall not attend any public school during such illness or until the teacher of the school has been furnished with a certiffcate from the board of health of the city or town, or from the attending physician of such per-

son, stating that, in a case of small pox, diphtheria or scarlet fever at least two weeks, and in a case of measles, at least three days, have elapsed since the recovery, removal or death of such person, and that danger of conveying such disease by such child has passed.

Chap. 106—Sec. 28. No child under the age of fourteen years shall be employed in any factory, workshop or mercantile establishment. No such child shall be employed at work performed for wages or other compensation to whomsoever payable, during the hours when the public schools of the city or town in which he resides are in session, nor be employed at work before six o'clock in the morning or after seven o'clock in the evening.

Chap. 106—Sec. 29. No child under sixteen years of age shall be employed in a factory, workshop or mercantile establishment unless his employer procures and keeps on file, accessible to the truant officers of the city or town, and to the district police and inspectors of factories and public buildings, an age and schooling certificate and keeps two complete lists of all such minors employed therein, one on file, and one conspicuously posted near the principal entrance of the building in which such children are employed, and also keeps on file and sends to the Superintendent of Schools, or if there is no superintendent of schools, to the School Committee a complete list of the names of all minors employed therein who cannot read at sight and write legibly simple sentences in the English language.

Chap. 106—Sec. 23. Whoever employs a minor under sixteen years of age, and whoever having under his control a minor under such age permits such minor to be employed, in violation of the provisions of sections twenty-eight and twenty-nine, shall for such offence be punished by a fine of not more than fifty dollars, and whoever continues to employ a minor in violation of the provisions of either of said sections, after being notified by a truant officer or an Inspector of factories or public buildings thereof, shall for every day thereafter that such employment continues be punished by a fine of not less than five nor more than twenty dollars.

SCHOOL CALENDAR.

Present School Year.

Began September 8, 1902; ends June 26, 1903.

Next School Year.

First term, 16 weeks, begins Tuesday, September 4, and closes Friday, December 18, 1903.

Vacation of Two Weeks.

Second term, 12 weeks, begins Monday, January 4, and closes Friday, March 26, 1904.

Vacation of One Week.

Third term, 12 weeks, begins Monday, April 5, and closes Thursday, June 24, 1904.

Number of Sessions.

Two each week-day except Saturday.

Hours of Sessions.

9 o'clock a. m. to 12 m. 1:30 o'clock to 4 p. m.

Detensions Permitted.

Tirty minutes after the afternoon session.

Legal Holidays.

February 22, April 19, May 30, Thanksgiving Day. There will be no school on Friday of Thanksgiving week.

Storm Signals.

In case of very severe storms a signal for no sessions of the schools will be given by the fire alarm.

The morning signal will be given at 8 a. m.; that for the afternoon at 11 a. m.

Committee Meetings.

The regular meetings of the School Committee are held on the Tuesday before the first Wednesday in each month. All bills against the school department should be sent to the secretary on or before the date of these meetings.

Teachers, Schools, Salaries, Etc., September 8, 1902.

NAME.	SCHOOL.	GRADE.	SALARY.	WHERE EDUCATED.
John P. Marston	Manning High			Bates College
Emma Gardner	Manning High			"
Susan Potter	Manning High			"
Caroline Thatcher	Manning High			Hyannis Business College
Isabelle Arthur	Manning Grammar	IX.	$750.	Salem Normal School
Katherine Sullivan	Manning Grammar	VIII.	$600.	Salem Normal School
E. Mabel Adams	Winthrop Grammar	VII.	$550.	Byfield Seminary
Mabel R. Willis	Winthrop Grammar	VI.	$450.	Manning High School
Eva A. Willcomb	Winthrop Grammar	V.	$420.	Manning High School
Katherine C. Baker	Winthrop Grammar	IV.	$400.	Manning High School
Mary E. Archer	Payne	III.	$360.	N'port Training School
Elsie W. Ross	Payne	I. and II.	$320.	Manning High School
Augusta Appleton	Payne	I. and II.	$320.	Manning High School
Annie P. Wade	Dennison	III.	$360.	Manning High School
Nellie T. Sullivan	Dennison	I. and II.	$320.	Manning High School
Minnie F. Hodgkins	Cogswell	III.	$360.	Chelsea Training School
Isabelle G. Brown	Cogswell	I. and II.	$320.	Salem Normal School
Katie L. Brown	Wainwright	I. and II.	$320.	Manning High School
Lucasta J. Boynton	Linebrook	I. to VIII.	$320.	Wellesley College
Ada Hall	Appleton	Ungraded	$250.	Salem Normal School
Alice G. Burnham	Argilla	Ungraded	$250.	Manning High School
Cora Jewett	Grape Island School	Ungraded	$250.	Manning High School

Reports of the Several Educational Funds

REPORT OF THE

TRUSTEES MANNING SCHOOL FUND.

Statement to the Town Clerk of Ipswich by Joseph Ross and others, Trustees of the Manning School Fund, for the year 1901.

Receipts.

Income from investments	$2964 11
Income from rents	85 00
Income from town of Ipswich as per contract	1600 00
Income from tuition of pupils from out of town	148 80
Principal: Bonds due and paid off	2060 00
Sundry income	1 74
	$6,859 65

Disbursements.

Balance owing by the fund	$ 733 06
Salaries	1687 50
Coal, insurance, repairs and other expenses	1317 02
Interest on debt, $7,000., at 4 per cent	280 00
Principal: Re-investment of	2090 28
Cash on hand January 1, 1902	751 79
	$6859 65

Condition of Fund.

Land, building, furniture and fixtures for schoolmaster's house, $7000.

Securities:

20,000 Peoria & Eastern R. R. 4 per cent bonds	$20,000·
5,000 Detroit Southern R. R. bonds	4,600.
8,000 Boston Steel & Iron Co. first mortgage	8,000.
5,000 Mexican Central Railway bonds	4,000.
2,000 New England Brick Co. first mortgage	2,000.
2,000 Electric Securities Co. 12th series bonds	2,000.
2,000 New England Cotton yarn 5 per cent bonds	2,000.

July 1, 1902—for said Trustees,

GEORGE E. FARLEY, their Treasurer.

Report of the Feoffees of the Grammar School.

The property in their hands is as follows:

Little Neck valued at	$5000 00
School Farm so called, in Essex	2000 00
One Water Bond City of Lynn	4000 00
Deposited in Ipswich Savings Bank	5446 17
Cash on hand	94 60
	$16,540 77

The income since the last report is as follows.

From land rent at Neck	$ 90 00
Interest on water bond city of Lynn	200 00
Dividend on deposit in Ipswich Savings Bank	204 08
	$494 08

The disbursements since last report have been as follows:

John P. Marston, salary as master of Grammar school	$200 00
Charles A. Sayward, attorney's fees	163 44
John W. Goodhue, hardware	19 13
Walter K. Chapman, cedar posts	13 00
Charles G. Hull, printing and two trips to Little Neck	3 50
J. B. Mahoney, labor and materials on buildings at Little Neck	98 95
Charles H. Rollins, moving buildings and building wall	150 60
E. E. Wells, trip to Little Neck	1 00
J. E. Hull, trip to Little Neck	2 00
Cogswell & Safford, insurance	9 20
Alonzo Butler, Labor and Materials on buildings at Neck	25 55
Samuel Bailey, carrying men to the Neck	1 50
	$787 88
Balance being expense over income	293 79
There is due from land rent at the Neck	$240 00
There is due from occupants of school farm in Essex	215 17
There is due from rent of farm house at Neck	100 00

Ipswich, February 13, 1903.

For Feoffees of Grammar School,

DANIEL SAFFORD, Treasurer.

I certify that the above statement is correct as per vouchers.

HENRY F. DUNNELS.

REPORT OF THE

Trustees of the Burley Education Fund.

The trustees of the Burley Education Fund herewith submit their

Seventy-Eighth Annual Report.

The funds in their hands consist of

One note of the Town of Ipswich	$ 3500 00
Fifteen shares Boston & Maine Railroad Stock	3000 00
Deposited in Ipswich Savings Bank	4991 13
Deposited in Ipswich Savings Bank (Caldwell fund)	724 23
Deposited in Salem Savings Bank	1153 07
Deposited in Salem Five Cent Savings Bank	1006 03
	$14374 46

The income since last report is as follows.

Interest on town note	$175 00
Dividend from 15 shares B. & M. Railroad stock	78 75
Dividend from Ipswich Savings Bank	176 20
Dividend from Ipswich Savings Bank (Caldwell fund)	26 38
Dividend from Salem Savings Bank	39 31
Dividend from Salem Five Cent Savings Bank	34 28
	$529 92

The expenditures have been as follows.

Edward L. MacArthur, for teaching music in public schools	$300 00
Income over expense	$229 92

Ipswich, February, 1903.

John H. Cogswell
George W. Tozer
Frank T. Goodhue
} Trustees Burley Education Fund.

BROWN SCHOOL FUND.

The trustees of the Brown School Fund present the following report:

The funds in their hands are as follows:

Deposited in Ipswich Savings Bank	$1250 00
Deposited in Salem Five Cent Savings Bank	1000 00
	2250 00

The income since last report is as follows:

Dividend from Ipswich Savings Bank	$46 88
Dividend from Salem Five Cent Savings Bank	35 30
	82 18

The expenditures for the year have been as follows.

Eighty Scholars' Ticket Books on the B. & N. St. R. R. at $1 each	$80 00
Incidental expenses for the year	1 80
	81 80
Income over expenses	38

Ipswich, Feb. 8, 1903.

Theodore F. Cogswell
Gardner A. Brown
John H. Cogswell
} Trustees Brown School Fund.

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Ipswich, Massachusetts

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